



Ignacio Martinez Soriano

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Ignacio Martinez Soriano

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Current professional situation

Employing entity: Deeplearning.ai **Type of entity:** Business
Professional category: Data Scientist (Beta Tester)
Start date: 01/01/2020
Type of contract: Colaborativo **Dedication regime:** Part time
Performed tasks: Beta Tester, Data Scientist analizando los Cursos y mejorando procesos en el desarrollo de nuevos cursos, basados en Procesamiento Lenguaje Natural (PLN). Inteligencia Artificial.

Employing entity: Hospital Rafael Méndez
Professional category: Data Scientist / Técnico de la Funcion Administrativa
Start date: 13/06/2014
Type of contract: Statutory **Dedication regime:** Full time
Primary (UNESCO code): 120304 - Artificial intelligence; 120317 - Informatics; 120318 - Information systems; design and componente; 120320 - Medical monitoring systems; 129900 - Other mathematical specialities
Performed tasks: Análisis, Explotación y Tratamiento de Datos.(Data Science)
Identify key words: Computer system; Computer systems

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad de Murcia	Profesor Asociado	24/01/2020
2	MedLab Media Group S.L. (mmg-ai)	Data Scientist	01/01/2018
3	Hospital Rafael Méndez	Jefe de Sección Servicios Generales	01/05/2014
4	Hospital Rafael Méndez	Jefe de Servicio Sistemas de Información	02/01/2001
5	Hospital Rafael Méndez	Grupo A. Interino Personal no Sanitario.	01/07/1995

1 **Employing entity:** Universidad de Murcia **Type of entity:** University
Department: Ciencias de la computación y tecnología informática, Facultad de Informática
City employing entity: Murcia, Region of Murcia, Spain
Professional category: Profesor Asociado **Educational Management (Yes/No):** Yes



Start-End date: 24/01/2020 - 31/07/2020 **Duration:** 7 months - 7 days
Type of contract: Temporary employment contract
Dedication regime: Part time
Performed tasks: Docencia e Investigación
Field of management activity: University

- 2** **Employing entity:** MedLab Media Group S.L. (mmg-ai) **Type of entity:** Business
Professional category: Data Scientist
Start-End date: 01/01/2018 - 30/09/2019 **Duration:** 1 year - 9 months
- 3** **Employing entity:** Hospital Rafael Méndez **Type of entity:** Healthcare Institutions
Professional category: Jefe de Sección Servicios Generales
Start-End date: 01/05/2014 - 12/06/2014 **Duration:** 1 month - 11 days
- 4** **Employing entity:** Hospital Rafael Méndez **Type of entity:** Healthcare Institutions
Professional category: Jefe de Servicio Sistemas de Información
Start-End date: 02/01/2001 - 30/04/2014 **Duration:** 13 years - 3 months - 28 days
- 5** **Employing entity:** Hospital Rafael Méndez **Type of entity:** Healthcare Institutions
Professional category: Grupo A. Interino Personal no Sanitario.
Start-End date: 01/07/1995 - 01/01/2001 **Duration:** 5 years - 6 months



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

- 1 University degree:** Higher degree
Name of qualification: Licenciado en Informática
Degree awarding entity: Universidad de Granada **Type of entity:** University
Date of qualification: 03/09/1993
- 2 University degree:** Especialización
Name of qualification: Certificado de Aptitud Pedagógica
Degree awarding entity: Universidad de Granada **Type of entity:** University
Date of qualification: 04/05/1993
- 3 University degree:** Middle degree
Name of qualification: Diplomado en Informática Especialidad Gestión
Degree awarding entity: Universidad de Granada **Type of entity:** University
Date of qualification: 27/09/1991

Doctorates

Doctorate programme: Programa Oficial de Doctorado Tratamiento de la Información en Inteligencia Artificial
Degree awarding entity: Universidad de Granada **Type of entity:** University
Date of degree: 31/12/2001

Specialised, lifelong, technical, professional and refresher training (other than formal academic and healthcare studies)

- 1 Training title:** Unsupervised Learning, Recommenders, Reinforcement Learning - Stanford - Deeplearning.ai
Awarding entity: Coursera.org **Type of entity:** Business
End date: 11/10/2022 **Duration in hours:** 20 hours
- 2 Training title:** Advanced Learning Algorithms - Stanford - Deeplearning.ai
Awarding entity: Coursera.org **Type of entity:** Business
End date: 08/09/2022 **Duration in hours:** 20 hours
- 3 Training title:** Supervised Machine Learning: Regression and Classification - Stanford - Deeplearning.ai
Awarding entity: Coursera.org **Type of entity:** Business
End date: 14/08/2022 **Duration in hours:** 20 hours



- 4** **Training title:** MOOC Machine Learning y Big Data para la Bioinformática. 2ªEdición
Awarding entity: Universidad de Granada **Type of entity:** University
End date: 19/04/2022 **Duration in hours:** 100 hours
- 5** **Training title:** Fundamentos de Big Data. FBD-1001 - Edición 1
Awarding entity: FUNDACIÓN PARA LA FORMACIÓN E INVESTIGACIÓN SANITARIAS DE LA REGIÓN DE MURCIA
End date: 24/02/2022 **Duration in hours:** 20 hours
- 6** **Training title:** Build your first AI Stock Predictor using Amazon Forecast
Awarding entity: Coursera.org **Type of entity:** Business
End date: 20/02/2022 **Duration in hours:** 20 hours
- 7** **Training title:** Analyze Datasets and Train ML Models using AutoML
Awarding entity: Coursera.org **Type of entity:** Business
End date: 28/12/2021 **Duration in hours:** 20 hours
- 8** **Type of training:** Course
Training title: Upskilling Professionals for Efficient and Fast Adoption of Innovation in Health Care Settings - UP-RAIHSe Education Programme
City awarding entity: Valencia, Valencian Community, Spain
Awarding entity: eIT Health European Union **Type of entity:** State agency
End date: 31/12/2020 **Duration in hours:** 138 hours
- 9** **Training title:** Advanced Deployment Scenarios with TensorFlow
Awarding entity: Coursera.org **Type of entity:** Business
End date: 14/08/2020 **Duration in hours:** 20 hours
- 10** **Training title:** TensorFlow: Data and Deployment - Specialization
Awarding entity: Coursera.org **Type of entity:** Business
End date: 14/08/2020 **Duration in hours:** 80 hours
- 11** **Training title:** Data Pipelines with TensorFlow Data Services
Awarding entity: Coursera.org **Type of entity:** Business
End date: 10/08/2020 **Duration in hours:** 20 hours
- 12** **Training title:** Device-based Models with TensorFlow Lite
Awarding entity: Coursera.org **Type of entity:** Business
End date: 22/07/2020 **Duration in hours:** 20 hours
- 13** **Training title:** Browser-based Models with TensorFlow.js
Awarding entity: Coursera.org **Type of entity:** Business
End date: 15/07/2020 **Duration in hours:** 20 hours
- 14** **Training title:** AI For Medical Treatment
Awarding entity: Coursera.org (deeplearning.ai)
End date: 09/07/2020 **Duration in hours:** 20 hours
- 15** **Training title:** AI for Medicine (Specialization)
Awarding entity: Coursera.org (deeplearning.ai)
End date: 09/07/2020 **Duration in hours:** 60 hours

- 16** **Training title:** AI for Medical Prognosis
Awarding entity: Coursera.org (deeplearning.ai)
End date: 07/07/2020
Type of entity: Business
Duration in hours: 20 hours
- 17** **Training title:** AI for Medical Diagnosis
Awarding entity: Coursera.org (deeplearning.ai)
End date: 01/07/2020
Duration in hours: 20 hours
- 18** **Training title:** Learn BERT - most powerful NLP algorithm by Google
Awarding entity: Udemy
End date: 03/01/2020
Type of entity: Business
Duration in hours: 6 hours
- 19** **Training title:** Sequences, Time Series and Prediction
Awarding entity: Coursera
End date: 29/12/2019
Type of entity: Business
- 20** **Training title:** TensorFlow in Practice - Specialization
Awarding entity: Coursera
End date: 29/12/2019
Type of entity: Business
Duration in hours: 20 hours
- 21** **Training title:** Natural Language Processing in TensorFlow
Awarding entity: Coursera
End date: 20/12/2019
Type of entity: Business
- 22** **Training title:** Convolutional Neural Networks in TensorFlow
Awarding entity: Coursera
End date: 17/12/2019
Type of entity: Business
- 23** **Training title:** Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning
Awarding entity: Coursera
End date: 15/12/2019
Type of entity: Innovation and Technology Centres
- 24** **Training title:** IBM Blockchain Foundation Developer
Awarding entity: IBM Software Technology Laboratory
End date: 07/05/2019
Type of entity: Business
Duration in hours: 10 hours
- 25** **Type of training:** Course
Training title: Blockchain Essentials
Awarding entity: IBM Cognitive Class.ai
End date: 03/05/2019
Type of entity: Business
Duration in hours: 10 hours
- 26** **Type of training:** Course
Training title: DeepLearning Specialization
City awarding entity: United States of America
Awarding entity: Coursera
Aims of the entity: Formacion
Training manager: Andrew NG
End date: 14/02/2018
Type of entity: Innovation and Technology Centres



- 27** **Type of training:** Course
Training title: Sequence Models
City awarding entity: United States of America
Awarding entity: Coursera
Aims of the entity: Formacion
Training manager: Andrew NG
End date: 14/02/2018
Type of entity: Innovation and Technology Centres
- 28** **Type of training:** Course
Training title: Convolutional Neural Networks
City awarding entity: United States of America
Awarding entity: Coursera
Aims of the entity: Formacion
Training manager: Andrew NG
End date: 30/11/2017
Type of entity: Innovation and Technology Centres
- 29** **Type of training:** Course
Training title: Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization
Awarding entity: Coursera
Aims of the entity: Deep Learning
Training manager: Andrew NG
End date: 03/09/2017
- 30** **Type of training:** Course
Training title: Structuring Machine Learning Projects
Awarding entity: Coursera
Aims of the entity: Deep Learning Specialization
Training manager: Andrew NG
End date: 03/09/2017
Type of entity: Innovation and Technology Centres
- 31** **Type of training:** Course
Training title: Neural Networks and Deep Learning
Awarding entity: Coursera
Aims of the entity: Deep Learning
Training manager: Andrew NG
End date: 30/08/2017
Type of entity: Innovation and Technology Centres
- 32** **Training title:** SNOMED CT Implementation Course
Awarding entity: IHTSDO (International Health Terminology Standards Development Organisation)
End date: 22/08/2016
Type of entity: Innovation and Technology Centres
Duration in hours: 300 hours
- 33** **Training title:** DEV 361 - Build and Monitor Apache Spark Applications
Awarding entity: MapR Academy
End date: 29/06/2016
Type of entity: CIBER
Duration in hours: 20 hours
- 34** **Training title:** DEV 360 - Apache Spark Essentials
Awarding entity: MapR Academy
End date: 28/06/2016
Type of entity: CIBER
Duration in hours: 20 hours

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| 35 Training title: DA 415 - Apache Drill Architecture
Awarding entity: MapR Academy
End date: 26/06/2016 | Type of entity: CIBER
Duration in hours: 20 hours |
| 36 Training title: DA 440 - Apache Hive Essentials
Awarding entity: MapR Academy
End date: 26/06/2016 | Type of entity: CIBER
Duration in hours: 20 hours |
| 37 Training title: ESS 100 - Introduction to Big Data
Awarding entity: MapR Academy
End date: 26/06/2016 | Type of entity: CIBER
Duration in hours: 20 hours |
| 38 Training title: DA 450 - Apache Pig Essentials
Awarding entity: MapR Academy
End date: 25/06/2016 | Type of entity: CIBER
Duration in hours: 20 hours |
| 39 Training title: ESS 101 - Apache Hadoop Essentials
Awarding entity: MapR Academy
End date: 25/06/2016 | Type of entity: CIBER
Duration in hours: 20 hours |
| 40 Type of training: Course
Training title: Machine Learning
City awarding entity: United States of America
Awarding entity: Universidad de Stanford en Coursera
End date: 15/06/2016 | Type of entity: Business
Duration in hours: 60 hours |
| 41 Training title: DAT203x: Data Science and Machine Learning Essentials
Awarding entity: Microsoft
End date: 23/02/2016 | Type of entity: Business
Duration in hours: 50 hours |
| 42 Training title: DAT207x: Analyzing and Visualizing Data with Power BI
Awarding entity: Microsoft
End date: 22/12/2015 | Type of entity: Business
Duration in hours: 40 hours |
| 43 Training title: Codificación con CIE-10-ES
Awarding entity: Ministerio de Sanidad, Servicios Sociales e Igualdad
End date: 31/10/2015 | Type of entity: Public Research Body
Duration in hours: 50 hours |
| 44 Training title: SNOMED-CT Foundation Course
Awarding entity: IHTSDO (International Health Terminology Standards Development Organisation)
End date: 28/07/2015 | Duration in hours: 50 hours |
| 45 Training title: CURSO INTELIGENCIA DE NEGOCIO CON PENTAHO
Awarding entity: Hospital Universitario Virgen de La Arrixaca
End date: 12/06/2015 | Type of entity: Healthcare Institutions
Duration in hours: 70 hours |



- 46 Training title:** La Ruta Emprendedora
Awarding entity: Oficina de Transferencia de Resultados de Investigación de la Universidad de Granada
End date: 24/04/2015
Type of entity: University
Duration in hours: 70 hours
- 47 Training title:** An Introduction to Interactive Programming in Python
Awarding entity: Rise University. Coursera.
End date: 22/11/2014
Type of entity: University
Duration in hours: 80 hours
- 48 Training title:** Programación web HTML/CSS. Nivel 2
Awarding entity: Form@Carm
End date: 30/09/2013
Type of entity: Plataforma eFormación de la CARM
Duration in hours: 25 hours
- 49 Training title:** Como añadir valor a sitios web y tiendas online
Awarding entity: Form@carm
End date: 05/08/2013
Type of entity: Plataforma eFormacion de la CARM
Duration in hours: 25 hours
- 50 Training title:** Nuevas Tecnologías aplicadas a la Empresa
Awarding entity: Form@Carm
End date: 01/08/2013
Duration in hours: 25 hours
- 51 Training title:** Posicionamiento en Buscadores
Awarding entity: Form@Carm
End date: 04/07/2013
Type of entity: Plataforma eFormación de la CARM
Duration in hours: 30 hours
- 52 Training title:** Desarrollo de aplicaciones para Android
Awarding entity: Form@Carm
End date: 28/06/2013
Type of entity: Plataforma eFormación de la CARM
Duration in hours: 35 hours
- 53 Training title:** Comercio Electrónico: creación de una tienda online
Awarding entity: Form@Carm
End date: 27/06/2013
Type of entity: Plataforma eFormación de la CARM
Duration in hours: 25 hours
- 54 Training title:** Charla Taller sobre Negocio Electrónico
Awarding entity: CeCARM
End date: 26/06/2013
Type of entity: Negocio Electrónico de la Comunidad de Murcia
Duration in hours: 7 hours
- 55 Training title:** Técnicas de Negociación
Awarding entity: Form@Carm
End date: 13/06/2013
Type of entity: Plataforma eFormación de la CARM
Duration in hours: 15 hours
- 56 Training title:** Redes Sociales para Organizaciones Socio-Sanitarias
Awarding entity: Hospital de Molina
End date: 04/06/2013
Type of entity: Healthcare Institutions
Duration in hours: 2 hours
- 57 Training title:** Programación en PHP
Awarding entity: Form@Carm
End date: 03/06/2013
Type of entity: Plataforma eFormación de la CARM
Duration in hours: 35 hours



- 58** **Training title:** Programación web HTML/CSS. Nivel 1
Awarding entity: Form@Carm
End date: 20/05/2013
Type of entity: Plataforma eFormación de la CARM
Duration in hours: 30 hours
- 59** **Training title:** SNOMED-CT: Intercambio de Información clínica y terminología de referencia
Awarding entity: Servicio Murciano de Salud. FFIS
End date: 23/05/2012
Type of entity: Public Research Body
Duration in hours: 20 hours
- 60** **Training title:** Active Directory Windows 2008 Server
Awarding entity: Servicio Murciano de Salud. FFIS
End date: 04/11/2011
Type of entity: Public Research Body
Duration in hours: 21 hours
- 61** **Training title:** Administración y gestión de contenidos en la herramienta ALFRESCO
Awarding entity: Servicio Murciano de Salud. FFIS
End date: 15/06/2011
Type of entity: Public Research Body
Duration in hours: 20 hours
- 62** **Training title:** VMWare
Awarding entity: Servicio Murciano de Salud.FFIS
End date: 13/12/2010
Type of entity: Public Research Body
Duration in hours: 35 hours
- 63** **Training title:** Gestión de Proyectos SCRUM
Awarding entity: FUNDACION PARQUE CIENTIFICO DE MURCIA
End date: 27/10/2010
Duration in hours: 5 hours
- 64** **Training title:** Prevención de Riesgos Laborales en pantalla de visualización de datos. Edición 1
Awarding entity: Servicio Murciano de Salud. FFIS
End date: 31/08/2010
Type of entity: Public Research Body
Duration in hours: 5 hours
- 65** **Training title:** Curso básico de Prevención de Riesgos Laborales en riesgo biológico. Edición 5
Awarding entity: Servicio Murciano de Salud. FFIS
End date: 13/08/2010
Type of entity: Public Research Body
Duration in hours: 5 hours
- 66** **Training title:** Curso básico de Prevención de Riesgos Laborales en el manejo de cargas en el ámbito sanitario. Edición 5
Awarding entity: Servicio Murciano de Salud. FFIS
End date: 30/07/2010
Type of entity: Public Research Body
Duration in hours: 5 hours
- 67** **Training title:** Curso básico de Prevención de Riesgos Laborales en el ámbito sanitario. Edición 5
Awarding entity: Servicio Murciano de Salud. FFIS
End date: 30/07/2010
Type of entity: Public Research Body
Duration in hours: 10 hours
- 68** **Training title:** La comunicación en las organizaciones sanitarias. Nivel 1
Awarding entity: Servicio Murciano de Salud. FFIS
End date: 24/02/2010
Type of entity: Public Research Body
Duration in hours: 15 hours
- 69** **Training title:** Gestión de Proyectos Corporativos
Awarding entity: Servicio Murciano de Salud.FFIS
End date: 07/08/2009
Type of entity: Public Research Body
Duration in hours: 20 hours



- 70** **Training title:** Curso de Gestión por Procesos
Awarding entity: Hospital Rafael Méndez
End date: 04/03/2009
Type of entity: Healthcare Institutions
Duration in hours: 50 hours
- 71** **Training title:** Seguridad en Redes y Sistemas de Información - Edición 1
Awarding entity: Servicio Murciano de Salud. FFIS
End date: 22/01/2009
Type of entity: Public Research Body
Duration in hours: 16 hours
- 72** **Training title:** Métrica V3 - Edición 1
Awarding entity: Servicio Murciano de Salud. FFIS
End date: 24/11/2008
Type of entity: Public Research Body
Duration in hours: 30 hours
- 73** **Training title:** Pentaho. Business Intelligence Open Source
Awarding entity: StrateBI
End date: 04/09/2008
Type of entity: Business
Duration in hours: 16 hours
- 74** **Training title:** Introducción al Business Intelligence Open Source. PENTAHO
Awarding entity: StrateBI
End date: 02/09/2008
Type of entity: Business
Duration in hours: 10 hours
- 75** **Training title:** Windows 2003 Server Avanzado - Edición 1
Awarding entity: Servicio Murciano de Salud. FFIS
End date: 15/05/2008
Type of entity: Public Research Body
Duration in hours: 32 hours
- 76** **Training title:** Seguridad en redes y Sistemas de información
Awarding entity: UNITRONICS COMUNICACIONES SA
End date: 05/03/2008
Duration in hours: 16 hours
- 77** **Training title:** Microstrategy (Edición 1)
Awarding entity: Servicio Murciano de Salud. FFIS.
End date: 17/12/2007
Type of entity: Public Research Body
Duration in hours: 32 hours
- 78** **Training title:** Windows 2003 Server (Edición 1)
Awarding entity: Servicio Murciano de Salud. FFIS
End date: 03/12/2007
Type of entity: Public Research Body
Duration in hours: 30 hours
- 79** **Training title:** Iniciación a la Protección de Datos en el ámbito sanitario
Awarding entity: Servicio Murciano de Salud. FFIS
End date: 27/08/2007
Type of entity: Public Research Body
- 80** **Training title:** Certificado ITIL. Foundation Certificate in IT - Service Management
Awarding entity: itSMF. EXIN
End date: 19/11/2006
Type of entity: Business
Duration in hours: 30 hours
- 81** **Training title:** Organización del Tiempo e Inteligencia Emocional
Awarding entity: Hospital Rafael Méndez
End date: 02/10/2006
Type of entity: Healthcare Institutions
Duration in hours: 30 hours
- 82** **Training title:** Curso Superior en Administración (LPIC1) LPI 102
Awarding entity: Fundación Tripartita para la Formación y Empleo
Type of entity: Business

**End date:** 27/07/2006**Duration in hours:** 50 hours**83 Training title:** III Administración Avanzada de Oracle 9i**Awarding entity:** Universidad de Murcia**End date:** 28/06/2006**Type of entity:** University**Duration in hours:** 39 hours**84 Training title:** Proyectos Web con Java**Awarding entity:** Servicio Murciano de Salud**End date:** 15/04/2005**Type of entity:** Healthcare Institutions**Duration in hours:** 64 hours**85 Training title:** Análisis y Diseño con UML**Awarding entity:** Servicio Murciano de Salud**End date:** 02/07/2004**Type of entity:** Healthcare Institutions**Duration in hours:** 30 hours**86 Training title:** Programación HTML, JavaScript y Java (1ª Edición)**Awarding entity:** Servicio Murciano de Salud**End date:** 04/06/2004**Type of entity:** Healthcare Institutions**Duration in hours:** 60 hours**87 Training title:** Programación Visual 6.0. Implementación y Administración de SQL Server 2000 Enterprise Edition**Awarding entity:** Servicio Murciano de Salud**End date:** 27/09/2003**Type of entity:** Healthcare Institutions**Duration in hours:** 54 hours**88 Training title:** Auditoría en las nuevas tecnologías de la Información (2ª Edición)**Awarding entity:** Centro Formación Continua Univ de Granada**End date:** 19/11/2002**Type of entity:** University**Duration in hours:** 35 hours**89 Training title:** Administración Windows 2000, Advanced Server**Awarding entity:** Servicio Murciano de Salud**End date:** 07/05/2002**Type of entity:** Healthcare Institutions**Duration in hours:** 25 hours**90 Training title:** Gestión Analítica, Proyecto GECLIF**Awarding entity:** Escuela Nacional de Sanidad**End date:** 12/07/2001**Duration in hours:** 10 hours**91 Training title:** Iniciación a Informix**Awarding entity:** Informix Software Iberica S.A.**End date:** 30/04/2001**Type of entity:** Business**Duration in hours:** 20 hours**92 Training title:** Acceso a Base de Datos con Java -JDBC**Awarding entity:** GRUPO EIDOS CONSULTORIA INFORMATICA SL UNIPERSONAL**End date:** 02/09/1999**Duration in hours:** 10 hours**93 Training title:** Administración de Servidores bajo Solaris 2.x**Awarding entity:** SUN MICROSYSTEMS IBERICA, S.A.**End date:** 04/07/1997**Duration in hours:** 25 hours**94 Training title:** Administración Avanzada Solaris 2.x**Awarding entity:** SUN MICROSYSTEMS IBERICA, S.A.**End date:** 30/05/1997**Duration in hours:** 25 hours



- 95 Training title:** Administración Solaris 2.x
Awarding entity: SUN MICROSYSTEMS IBERICA, S.A.
End date: 09/05/1997 **Duration in hours:** 25 hours
- 96 Training title:** Peritajes y dictámenes informáticos
Awarding entity: Asociación de Doctores, Licenciados e Ingenieros en Informática
End date: 21/02/1997 **Type of entity:** A.L.I. (Murcia)
Duration in hours: 10 hours
- 97 Training title:** Herramienta CASE AS/SET
Awarding entity: INTRO Informatica de Gestión S.L.
End date: 17/03/1995 **Type of entity:** Business
Duration in hours: 70 hours
- 98 Training title:** Administración UNIX y SQL
Awarding entity: ERGOS Informática S.A.L.
End date: 30/11/1993 **Type of entity:** Business
Duration in hours: 70 hours
- 99 Training title:** Animación por ordenador, modelado geométrico y Visualización Realista
Awarding entity: Universidad de Granada
End date: 04/06/1993 **Type of entity:** University
Duration in hours: 21 hours
- 100 Training title:** Modelo Matemáticos de Redes Neuronales Artificiales
Awarding entity: Universidad de Granada
End date: 16/11/1992 **Type of entity:** University
Duration in hours: 20 hours

Attended advanced, improvement and innovative teacher training and new technology courses and seminars focused on improving teaching

Title of course/seminar: Charla Taller sobre Negocio Electrónico. Tu negocio rentable en Facebook y Twitter.
Goals of the course/seminar: Metodología Marketing digital en Facebook y Twittet. Método del 5
Organising entity: CECARM (Negocio Electrónico en la Comunidad Autónoma de la Región de Murcia)
Type of entity: Comunidad Autónoma Región de Murcia
Faculty, institute or centre: Fundación Integra
Duration in hours: 7 hours
Start-End date: 04/11/2015 - 04/11/2015

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Japanese		A1	A1	A1	A1
English		C1	C1	C1	C1



Teaching experience

General teaching experience

- 1** **Name of the course:** Tecnologías de la Información en la Empresa
University degree: Licenciado en Administración y Dirección de Empresas Especialidad Dirección
Start date: 24/01/2020 **End date:** 31/07/2020
Entity: Universidad de Murcia **Type of entity:** University
Faculty, institute or centre: Facultad de Economía, Derecho y Empresariales
- 2** **Name of the course:** bases de datos
University degree: Graduado o Graduada en Ingeniería Informática
Start date: 24/01/2020 **End date:** 31/07/2020
Entity: Universidad de Murcia **Type of entity:** University
Faculty, institute or centre: Facultad de Informática

Experience supervising doctoral thesis and/or final year projects

Project title: NEW ADVANCED CLINICAL HOSPITAL ULTRA SEARCH (N.A.C.H.U.S.). BUSCADOR SEMÁNTICO EN INFORMES CLÍNICOS DE LA HISTORIA CLÍNICA HOSPITALARIA
Type of project: Doctoral thesis
Co-director of thesis: Juan Luis Castro Peña
Entity: Universidad de Granada **Type of entity:** University
City of entity: Granada, Andalusia, Spain
Student: Ignacio Martinez Soriano
Obtained qualification: Realizando la Tesis en la Actualidad Entrega para El Año 2016

Teaching experience in courses and seminars for university teacher training

- 1** **Type of event:** Seminar
Name of the event: Taller de Documentación Administrativa
Organising entity: Gerencia Area III. Lorca.
Hours of teaching: 10
Teaching date: 15/09/2015
- 2** **Type of event:** Curso
Name of the event: Excel Avanzado.
Organising entity: Hospital Rafael Méndez **Type of entity:** Healthcare Institutions
Hours of teaching: 11,3
Teaching date: 09/11/2011
- 3** **Type of event:** Curso
Name of the event: Ofimática para Celadores Nivel básico
Organising entity: Hospital Rafael Méndez **Type of entity:** Healthcare Institutions
Hours of teaching: 13
Teaching date: 30/06/2011



- 4** **Type of event:** Curso
Name of the event: Powerpoint
Organising entity: Hospital Rafael Méndez **Type of entity:** Healthcare Institutions
Hours of teaching: 10
Teaching date: 05/05/2010
- 5** **Type of event:** Curso
Name of the event: Integrado de Ofimática para Celadores
Organising entity: Hospital Rafael Méndez **Type of entity:** Healthcare Institutions
Hours of teaching: 18
Teaching date: 08/04/2010
- 6** **Type of event:** Curso
Name of the event: Protección de Datos en el ámbito Sanitario
Organising entity: Hospital Rafael Méndez **Type of entity:** Healthcare Institutions
Hours of teaching: 3
Teaching date: 27/11/2009
- 7** **Type of event:** Cursos
Name of the event: Sistemas de Información Sanitarios
Organising entity: Hospital Rafael Méndez **Type of entity:** Healthcare Institutions
Hours of teaching: 5
Teaching date: 01/12/2008
- 8** **Type of event:** Curso
Name of the event: Integrado de Intranet, Navegador Web y Correo Electrónico
Organising entity: Hospital Rafael Méndez **Type of entity:** Healthcare Institutions
Hours of teaching: 15
Teaching date: 25/06/2008
- 9** **Type of event:** Tutor en Centro de Trabajo
Name of the event: Formación Centro de Trabajo. Ciclo de Grado Medio de Explotación de Sistemas Informáticos
Organising entity: Instituto de Educacion Secundaria. **Type of entity:** Instituto de Educación Secundaria
San Juan Bosco. Lorca.
Hours of teaching: 380
Teaching date: 31/12/2005
- 10** **Type of event:** Curso
Name of the event: MS Access 2000 (Básico)
Organising entity: Hospital Rafael Méndez **Type of entity:** Healthcare Institutions
Hours of teaching: 34
Teaching date: 28/06/2002
- 11** **Type of event:** Curso
Name of the event: Internet + Correo Electrónico
Organising entity: Hospital Rafael Méndez **Type of entity:** Healthcare Institutions
Hours of teaching: 10
Teaching date: 16/03/2001



- 12** **Type of event:** Curso
Name of the event: Informatica Windows95, MS Office 97 (Word, Excel)
Organising entity: Hospital Rafael Méndez **Type of entity:** Healthcare Institutions
Hours of teaching: 20
Teaching date: 01/12/1997
- 13** **Type of event:** Curso
Name of the event: Informatica. MS-DOS, WordPerfect, dBase IV, Quattro Pro.
Organising entity: Hospital Rafael Méndez **Type of entity:** Healthcare Institutions
Hours of teaching: 28
Teaching date: 25/11/1996
- 14** **Type of event:** Curso
Name of the event: Perfeccionamiento en S.I.H. (Sistemas de Información Hospitalarios)
Organising entity: Hospital Rafael Méndez **Type of entity:** Healthcare Institutions
Hours of teaching: 40
Teaching date: 17/07/1996
- 15** **Type of event:** Curso
Name of the event: I Curso de Formación básica para Enfermería en U.C.I.
Organising entity: Hospital Rafael Méndez **Type of entity:** Healthcare Institutions
Hours of teaching: 60
Teaching date: 01/12/1995

Scientific and technological experience

Research and development groups/teams

- 1** **Name of the group:** TECNOLOGÍAS DE MODELADO, PROCESAMIENTO Y GESTIÓN DEL CONOCIMIENTO
Aims of the group: BIOTECNOLOGÍA. APLICACIONES SANITARIAS DE BIOCIENCIAS
Type of collaboration: Co-authorship of projects and their development
Affiliation entity: IMIB (Instituto Murciano de Investigación BioSanitaria) **Type of entity:** Healthcare Institutions
Start date: 01/02/2021
- 2** **Name of the group:** INTELIGENCIA ARTIFICIAL E INGENIERIA DEL CONOCIMIENTO
Aims of the group: ARTIFICIAL INTELLIGENCE AND KNOWLEDGE ENGINEERING
Standardised code: E096-01 **Type of collaboration:** Co-authorship of projects and their development
Affiliation entity: Universidad de Murcia **Type of entity:** University
Start date: 01/07/2020
- 3** **Name of the group:** Medicina Regenerativa
Aims of the group: Medicina Regenerativa
Type of collaboration: Co-authorship of projects and their development
Affiliation entity: Universidad Católica San Antonio de Murcia **Type of entity:** University
Start date: 13/06/2016



Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** SUPPORT4LHS (Proyecto I+D+I 2020) Ministerio Ciencia e Innovación
Entity where project took place: Universidad de Murcia **Type of entity:** University
City of entity: Murcia, Region of Murcia, Spain
Nº of researchers: 19
Start-End date: 01/09/2021 - 31/08/2024
Total amount: 113.200 €
- 2** **Name of the project:** PHArA-ON - Program (Horizon 2020) SC1-FA-DTS-2018-2 Ref:857188 (12 Countries - 40 Partners)
Entity where project took place: Servicio Murciano de Salud **Type of entity:** Healthcare Institutions
City of entity: Murcia, Region of Murcia, Spain
Start-End date: 12/2019 - 11/2023
Total amount: 21.319.813,75 €
- 3** **Name of the project:** Algoritmos Lingüísticos: Una herramienta para Soft-Computing
Entity where project took place: Escuela Técnica Superior de Ingeniería Informática **Type of entity:** University
City of entity: Granada, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Juan Luis Castro
Nº of researchers: 6
Start-End date: 30/09/2003 - 30/09/2006
Total amount: 44.800 €
- 4** **Name of the project:** BIG-BIODATACAN
Entity where project took place: Instituto de Investigación sanitaria INIVAL **Type of entity:** Innovation and Technology Centres
City of entity: Santander, Cantabria, Spain
Name principal investigator (PI, Co-PI....): Joaquin Cayon De las Cuevas
Nº of researchers: 19
Start date: 15/05/2019
Total amount: 25.000 €
Applicant's contribution: Diseño de buenas prácticas en materia de protección de datos clínicos y de medidas para el desarrollo de Big Data sanitarios. Implementación ético-jurídica en el entorno biosanitario de Cantabria.

R&D non-competitive contracts, agreements or projects with public or private entities

Name of the project: Materiales y Metodologías para la Enseñanza / Aprendizaje Semipresencial y no Presencial de los Lenguajes de Programación PYTHON / R

Name principal investigator (PI, Co-PI....): Gines Garcia Mateos; Alberto Ruiz Garcia; Marcos Menarguez Tortosa; Juan Manuel Carrillo de Gea; Jose Luis Fernandez Aleman; Jose Antonio Miñarro Gimenez; Jesualdo Fernandez Breis; Isidro Verdu Conesa; Ignacio Martinez Soriano; Joaquin Cervera Lopez

Nº of researchers: 10

Participating entity/entities: Universidad de Murcia

Start date: 01/01/2021

Duration: 2 years

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1** Ignacio Martinez Soriano; Juan Luis Castro Peña; Jesualdo T. Fernandez Breis; Ignacio San Roman; Adrian Alonso Barriuso; David Guevara Baraza. Snomed2Vec: Representation of SNOMED CT Terms with Word2Vec. 2019 IEEE Computer-Based Medical Systems (CBMS). pp. 678 - 683. IEEE, 20/06/2019.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 2** Ignacio Martinez Soriano; Juan Luis Castro Peña. STMC: Semantic Tag Medical Concept Using Word2Vec Representation. 2018 IEEE Computer-Based Medical Systems (CBMS). pp. 393 - 398. IEEE, 18/06/2018.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 3** Ignacio Martinez Soriano; Juan Luis Castro Peña. DNER Clinical (named entity recognition) from free clinical text to Snomed-CT concept. WSEAS Transactions on Computers. 16, 2017 - 10, pp. 83 - 91. WSEAS, 10/05/2017. Available on-line at: <<http://wseas.org/wseas/cms.action?id=15007>>. ISSN 1109-2750
Type of production: Scientific paper **Format:** Journal
Position of signature: 1 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 2 **Corresponding author:** Yes
- 4** Ignacio Martinez Soriano; Pedro Garcia Moral; Jose Luis Albarracin Navarro. CIMHOS: Cuadro Integral de Mandos Hospitalario Open Source. Gestión y Evaluación de Costes Hospitalarios. 2013 - 14(2), pp. 327 - 338. Fundación SIGNO, 01/06/2013.
Type of production: Popular science article **Format:** Journal
Corresponding author: Yes
- 5** Ignacio Martinez Soriano; Natalia Muñoz Sanchez; Javier Perez Sanchez. N.A.C.H.U.S (New Advanced Clinical Hospital Ultra Search) Buscador Sintáctico de Conceptos Clínicos en los Informes de Alta de Urgencias. I+S Informatica y Salud. Especial INFORSALUD'2012. Junio 2012 - 93, pp. 61 - 65. Editorial mic, 01/06/2012.
Type of production: Popular science article **Format:** Journal
Corresponding author: Yes

Works submitted to national or international conferences

- 1** **Title of the work:** Snomed2Vec, cómo utilizar vectores para representar Snomed-CT
Name of the conference: XV Jornadas de Informática de la Salud
Corresponding author: Yes
City of event: Buenos Aires, Argentina
Date of event: 04/11/2020
Organising entity: Hospital Italiano de Buenos Aires **Type of entity:** Administrative Body of the National Health System
City organizing entity: Buenos Aires, Argentina
Ignacio Martinez Soriano. "Snomed2Vec, cómo utilizar vectores para representar Snomed-CT".
- 2** **Title of the work:** Snomed2Vec: representation of SNOMED CT terms with Word2Vec
Name of the conference: 32nd IEEE CBMS International Symposium on Computer-Based Medical Systems
Corresponding author: Yes
City of event: Cordoba, Andalusia, Spain
Date of event: 05/06/2019
End date: 07/06/2019
Organising entity: IEEE CBMS
Ignacio Martinez Soriano. "Snomed2Vec: representation of SNOMED CT terms with Word2Vec".
- 3** **Title of the work:** STMC: Semantic Tag Medical Concept using Word2Vec representation
Name of the conference: 31st IEEE CBMS International Symposium on Computer Based Medical Systems
Corresponding author: Yes
City of event: Karlstad, Västsverige, Sweden
Date of event: 18/06/2018
End date: 21/06/2018
Organising entity: IEEE CBMS **Type of entity:** University Centres and Structures and Associated Bodies
Ignacio Martinez Soriano; Juan Luis Castro Peña. "STMC: Semantic Tag Medical Concept using Word2Vec representation".
- 4** **Title of the work:** Automatic medical concept extraction from free text clinical reports, a new named entity recognition approach
Name of the conference: 19th International Conference on MATHEMATICAL and COMPUTATIONAL METHODS in SCIENCE and ENGINEERING (MACMESE '17)
Corresponding author: No
City of event: Berlin, Berlin, Germany
Date of event: 31/03/2017
End date: 02/04/2017
Organising entity: World Scientific and Engineering Academic and Society (WSEAS) **Type of entity:** Innovation and Technology Centres
City organizing entity: Berlin, Berlin, Germany
Ignacio Martinez Soriano; Juan Luis Castro Peña. "Automatic medical concept extraction from free text clinical reports, a new named entity recognition approach".
- 5** **Title of the work:** Aprender del Pasado, para predecir el futuro. Machine Learning en Urgencias
Name of the conference: IX Congreso Regional Murcia (SEMES)
Corresponding author: Yes



City of event: Murcia, Region of Murcia, Spain

Date of event: 16/03/2017

End date: 17/03/2017

Organising entity: Sociedad Española de Medicina de Urgencia y Emergencias

Type of entity: Associations and Groups

City organizing entity: Murcia, Region of Murcia, Spain

Ignacio Martinez Soriano; Jesús Alcaraz Rubio. "Aprender del Pasado, para predecir el futuro. Machine Learning en Urgencias".

- 6 Title of the work:** Machine Learning-dHPa. Predicción Inteligente de la Saturación Pacientes en Urgencias Hospitalarias

Name of the conference: InforSalud 2016

Corresponding author: Yes

City of event: Madrid, Community of Madrid, Spain

Date of event: 09/03/2016

Organising entity: Sociedad Española de Informática de la Salud

Type of entity: Healthcare Institutions

City organizing entity: Madrid, Community of Madrid, Spain

Ignacio Martinez Soriano; Manuel Belda Palazon. "Machine Learning-dHPa. Predicción Inteligente de la Saturación Pacientes en Urgencias Hospitalarias".

- 7 Title of the work:** Open Data Sanitario. "O.DA.RIO"

Name of the conference: XVIII Congreso Informatica de la Salud. InforSalud 2015.

Type of event: Conference

Geographical area: National

Type of participation: Participatory - oral communication

Reasons for participation: Review before acceptance

Corresponding author: Yes

City of event: Madrid, Community of Madrid, Spain

Date of event: 16/02/2015

End date: 18/02/2015

Organising entity: Sociedad Española de Informatica de la Salud

City organizing entity: Madrid, Community of Madrid, Spain

Publication in conference proceedings: Yes

Ignacio Martinez Soriano; Manuel Belda Palazón; Juan Jose Pedreño Planes. "Comunicación Oral". Community of Madrid (Spain):

- 8 Title of the work:** N.A.C.H.U.S. (New Advanced Clinical Hospital Ultra Search). Buscador Sintáctico de conceptos clínicos en los Informes de Alta de Urgencias

Name of the conference: XV Congreso Nacional de Informática de la Salud, INFORSALUD 2012.

Type of event: Conference

Geographical area: National

Type of participation: Participatory - oral communication

Reasons for participation: Review before acceptance

Corresponding author: Yes

City of event: Madrid, Community of Madrid, Spain

Date of event: 20/03/2012

End date: 22/03/2012

Organising entity: Sociedad Española de Informatica de la Salud. SEIS.

City organizing entity: Madrid, Community of Madrid, Spain

Type of contribution: Scientific paper

Ignacio Martinez Soriano. "Comunicación Oral. N.A.C.H.U.S. (New Advanced Clinical Hospital Ultra Search). Buscador Sintáctico de conceptos clínicos en los Informes de Alta de Urgencias". En: N.A.C.H.U.S.



(New Advanced Clinical Hospital Ultra Search). Buscador Sintáctico de conceptos clínicos en los Informes de Alta de Urgencias.

- 9** **Title of the work:** (CIMHOS) Cuadro de Mandos Hospitalario Open Source
Name of the conference: 17 Congreso Nacional de Hospitales
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Madrid, Community of Madrid, Spain
Date of event: 26/04/2011
End date: 29/04/2011
Organising entity: Comité Organizador 17 Congreso Nacional de Hospitales
Ignacio Martínez Soriano; Pedro García Moral; Natalia Muñoz Sánchez; José Luis Albarracín Navarro.
"(CIMHOS) Cuadro de Mandos Hospitalario Open Source".
- 10** **Title of the work:** Desarrollo de un cuadro de mandos integral (CMI) para una gerencia de Área de Salud
Name of the conference: 17 Congreso Nacional de Hospitales
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - poster
Corresponding author: Yes
City of event: Madrid, Community of Madrid, Spain
Date of event: 26/04/2011
End date: 29/04/2011
Organising entity: Comité Organizador 17 Congreso Nacional de Hospitales
José Luis Albarracín Navarro; Eduardo Casado Galindo; Juan Antonio Mota García; Ignacio Martínez Soriano; Pedro García Moral. "Desarrollo de un cuadro de mandos integral (CMI) para una gerencia de Área de Salud".
- 11** **Title of the work:** Implantación de la Historia Obstétrica Electrónica única en un área de salud
Name of the conference: 17 Congreso Nacional de Hospitales
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - poster
Corresponding author: No
City of event: Madrid, Community of Madrid, Spain
Date of event: 26/04/2011
End date: 29/04/2011
Organising entity: Comité Organizador 17 Congreso Nacional de Hospitales
Miguel Costa Andreo; María Dolores Cuestas López; Saturnina Martínez Pérez; Ignacio Martínez Soriano; Francisca Álvarez Jorquera; MariCarmen Martínez Solano; Carmen Mari Elgarresta Tarín; Magdalena Molina Oller; José Luis Albarracín Navarro. "Implantación de la Historia Obstétrica Electrónica única en un área de salud".
- 12** **Title of the work:** Utilización de Metodología Ágil (SCRUM/KANBAN) en la Gestión de Tareas de un Servicio Informático
Name of the conference: XIV Congreso Nacional de Informática de la Salud, INFORSALUD 2011.
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - oral communication **Reasons for participation:** Review before acceptance
Corresponding author: Yes
City of event: Madrid, Community of Madrid, Spain
Date of event: 22/02/2011
End date: 24/02/2011

Organising entity: Sociedad Española de Informatica de la Salud. SEIS.

City organizing entity: Madrid, Community of Madrid, Spain

Type of contribution: Scientific paper

Ignacio Martinez Soriano; Natalia Muñoz Sanchez. "Utilización de Metodología Agil (SCRUM/KANBAN) en la Gestión de Tareas de un Servicio Informático". En: Utilización de Metodología Agil (SCRUM/KANBAN) en la Gestión de Tareas de un Servicio Informático. Community of Madrid (Spain):

13 Title of the work: Meori@ Electronic@

Name of the conference: IV Congreso Nacional de Informática de la Salud, INFORSALUD 2001.

Type of event: Conference

Geographical area: National

Type of participation: 'Participatory - poster

Reasons for participation: Review before acceptance

Corresponding author: Yes

City of event: Madrid, Community of Madrid, Spain

Date of event: 28/03/2001

End date: 30/03/2001

Organising entity: Sociedad Española de Informatica de la Salud. SEIS.

City organizing entity: Madrid, Community of Madrid, Spain

Ignacio Martinez Soriano; Maria Angeles Martinez-Portillo Alvarez. "Meori@ Electronic@". En: Meori@ Electronic@. Community of Madrid (Spain):

14 Title of the work: Memori@ Electrónica@ E-Memory

Name of the conference: Congreso Internacional Agora 5 sobre Salud en Europa

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Corresponding author: Yes

City of event: Sevilla, Andalusia, Spain

Date of event: 07/10/1999

End date: 08/10/1999

Organising entity: Agora 5

Ignacio Martinez Soriano. "Poster".

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

1 Committee title: 2022 IEEE 35th International Symposium on Computer-Based Medical Systems (CBMS)

Primary (UNESCO code): 120304 - Artificial intelligence; 320100 - Clinical sciences; 321000 - Preventiva medicine

Affiliation entity: 2022 IEEE International Symposium on Computer-Based Medical Systems (CBMS)

City affiliation entity: Shenzhen, China

Start-End date: 21/07/2022 - 23/07/2022

2 Committee title: 2021 IEEE 34th International Symposium on Computer-Based Medical Systems (CBMS)

Primary (UNESCO code): 120304 - Artificial intelligence; 320100 - Clinical sciences; 321000 - Preventiva medicine

Affiliation entity: 2021 IEEE International Symposium on Computer-Based Medical Systems (CBMS)

City affiliation entity: Aveiro, Norte, Portugal

Start-End date: 07/06/2021 - 09/06/2021



- 3** **Committee title:** 2020 IEEE 33rd International Symposium on Computer-Based Medical Systems (CBMS)
Primary (UNESCO code): 120304 - Artificial intelligence; 320100 - Clinical sciences; 321000 - Preventive medicine
Affiliation entity: 2020 IEEE International Symposium on Computer-Based Medical Systems (CBMS) **Type of entity:** Administrative Body of the National Health System
City affiliation entity: Rochester, Minnesota, United States of America
Start-End date: 28/07/2020 - 30/07/2020
- 4** **Committee title:** 2019 IEEE 32nd International Symposium on Computer-Based Medical Systems (CBMS)
Primary (UNESCO code): 120304 - Artificial intelligence; 320100 - Clinical sciences; 321000 - Preventive medicine
Affiliation entity: 2019 IEEE International Symposium on Computer-Based Medical Systems (CBMS) **Type of entity:** Innovation and Technology Centres
City affiliation entity: Cordoba, Andalusia, Spain
Start-End date: 01/01/2019 - 07/06/2019
- 5** **Committee title:** Bootcamp FICHe Accelerator Program. Asesoramiento de Tecnologías Sanitarias.
Affiliation entity: TicBiomed **Type of entity:** Foundation
City affiliation entity: Murcia, Region of Murcia, Spain
Start-End date: 27/01/2015 - 28/01/2015

Other achievements

Prizes, mentions and distinctions

Description: Premio a la Mejor Comunicación Oral del "XIV Congreso de Nacional de Informática de la Salud. INFORSALUD'2012". Con la comunicación oral N.A.C.H.U.S. (New Advanced Clinical Hospital Ultra Search). Buscador Sintáctico de conceptos clínicos en los Informes de Alta de Urgencias.

Awarding entity: Sociedad Española de Informática de la Salud. SEIS **Type of entity:** Associations and Groups

City awarding entity: Madrid, Community of Madrid, Spain

Conferral date: 22/03/2012