

RESUMÉ

PERSONAL INFORMATION

Name **ENRIQUE LÓPEZ MAÑAS**
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Blogs <http://www.neo-tech.es>
<http://www.liberamimente.com>

WORK EXPERIENCE

- Date September 2011 – Currently
 - Name and address of the employer Pep Montoya
Avinguda Diagonal 449, 3º
IdeaKnow
 - Type of business or sector Android Developer and R&D director
 - Occupation or position held Leading a team of 6 Android developers. Director of the R&D department. We are developing mobile banking and finance applications. We have developed our own Augmented Reality engine. We developed some killer apps, such as the ING Direct Application for iPhone, which was Top-1 for 2 weeks in the Spanish App Store
 - Main activities and responsibilities
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- Date March 2011 – September 2011
 - Name and address of the employer Dipl.-Ing. Mirco Vitr
Dr.-Ing. Kamil Fayzullin
Herwart-Opitz-Haus 53B 405
Tel.: +49 241 80-28230
Fax: +49 241 80-6-28230
 - Type of business or sector Werkzeugmaschinenlabor Institut der RWTH, Aachen.
 - Occupation or position held Android Developer.
 - Main activities and responsibilities Main developer of an Android application: including server/client communication and an advanced image editor.
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- Date October 2009 – March 2010
 - Name and address of the employer Dr. Markus Kampmann
Ericsson Eurolab Deutschland GmbH
Ericsson Allee 1
52134 Herzogenrath (Deutschland)
Phone: +49-2407-575-7830
 - Type of business or sector Research department
 - Occupation or position held Internship
 - Main activities and responsibilities Computer vision and body tracking. 3D video streaming in mobile platforms.
Development of an Android client, a PC based client using OpenCV and a 3D video server prototype using Microsoft DirectShow. The Android client used interaction based on sensors to request a new 3D video camera to the server, and the PC based client used several interaction ways (horizontal position of the head, yaw, pitch, roll...)

- Date December 2008 – June 2009
- Name and address of the employer
 - Dr. Pablo Moreno-Ger
 - Departamento de Ingeniería del Software e Inteligencia Artificial
 - Universidad Complutense de Madrid
 - C/ Prof. José García Santesmases s.n. (Desp. 411)
 - 28040 Madrid, Spain.
 - Phone: +34 913947599
- Type of business or sector Research department
- Occupation or position held Researcher
- Main activities and responsibilities Development of <e-Adventure> platform (<http://e-adventure.e-ucm.es>). Incorporation of learning features to the platform based on LOM IEEE standards. Development with J2EE

- Date September 2008 – November 2008
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 - Dr. Pablo Moreno-Ger
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 - C/ Prof. José García Santesmases s.n. (Desp. 411)
 - 28040 Madrid, Spain.
 - Phone: +34 913947599
- Type of business or sector Research department
- Occupation or position held Student Assistant
- Main activities and responsibilities Support to the investigation. Web site maintenance (<http://www.e-ucm.es>) , (<http://e-adventure.e-ucm.es>), and review of papers and documents

- Date September 2007 – June 2008
- Name and address of the employer
 - RWTH Aachen. Lehrerstuhl i5. Contact: Ralf Klamma
- Type of business or sector Investigation department
- Occupation or position held Hilfswissenschaftler (student assistant)
- Main activities and responsibilities Project ACIS. Development of Web applications (adaptive web applications), using XML and MPEG-7/21.

DEGREES AND EDUCATION

- Date September 2003 – February 2008
- Organization Universidad Complutense de Madrid. Facultad de Informática
- Name of the degree Ingeniería Técnica en Informática de Gestión (Technical Engineering in Computing Management). Current grade point: 1.69 (Spanish note)
- Date September 2008 – Actually (Expected time of finalization: 2011)
- Organization Universidad Complutense de Madrid. Facultad de Informática.
- Name of the degree Ingeniería en Informática (Computer Engineering). Current grade point: 2.17 (Spanish note)
- Misc: Thesis topic and development: AVANTI: System to fire evacuation drills assistance. Development for Android using Augmented Reality and WiFi tracking. Advisor: Pablo Gervás (<http://nil.fdi.ucm.es/index.php?q=node/92>)
- Date September 2008 – Actually (Expected time of finalization: 2011)
- Organization RWTH Aachen
- Name of the degree Master in Software Systems Engineering. Current grade point: 2.21 (German note)

COMPLEMENTARY STUDIES

- Date August 2011
- Organization RWTH Aachen
- Information about the topic Simultrain laboratory and seminar In Project Management. 10 hours.

- Date
 - Organization
- Information about the topic

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- Information about the topic

March 2009

Universidad Complutense de Madrid. Facultad de Informática

Creation of educational videogames for e-learning environments. 30 hours.

February 2009

ADA Madrid Program (online formation courses). <http://moodle.upm.es/adamadrid/>

Geographical Information Systems. 40 hours.

December 2008

Universidad Complutense de Madrid in cooperation with INDRA S.A.

SOA and flexible architectures. 10 hours.

June 2007

Universidad Complutense de Madrid. Facultad de Informática. Summer school

Practical security over networks. 100 hours

November 2007

Universidad Complutense de Madrid. Facultad de Informática.

Accessibility in the web design. 20 hours

ATTENDED SPEECHES

- Date
 - Organization
- Main topic of the speech

- Date
 - Organization
- Main topic of the speech

- Date
 - Organization
- Main topic of the speech

January 2009

Universidad Complutense de Madrid. Facultad de Informática.

Accessible Flash applications and WCAG

December 2008

Telefónica I+D. Speaker: Jesús Macías

Television over IP: Kyte.tv.

February 2008

OWASP Spain

OWASP conferences of the Spanish chapter, related to applications and web security.

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

Spanish

OTHER LANGUAGES

English

Very fluent

B2+ by CSIM, 2007

Trinity College, Grade 2, passed with merit. 1997

German

Fluent

Zertifikät für Deutsch. Passed with 2.0 2008

Four years living in Germany

• Level
Degrees/experience

Portuguese

Very fluent
One year living in Brazil

• Level

French

Low. Attended French courses during school

PUBLISHED PAPERS

- Date and congress
• Title of the publication
• Authors
Congreso Internacional de Videojuegos y Educación (CIVE 2012)
El videojuego educativo como sistema autorreferencial: el curioso caso de 'Game Guru'
Federico Peinado, Enrique López-Mañas, Javier Torrente, Pablo Moreno-Ger
- Date and congress
• Title of the publication
• Authors
Games and Creativity in Education and Training 2011 (GACET 2011)
Game Guru: Using a narrative Videogame to learn About Narratives and Videogames
Federico Peinado, Enrique López-Mañas, Javier Torrente, Pablo Moreno-Ger
- Date and congress
• Title of the publication
• Authors
4th Symposium of Ubiquitous Computing and Ambient Intelligence 2010 (UCAml) 2010.
Speaker.
Augmented Reality and Indoors Wi-Fi positioning for Conducting Fire Evacuation Drills using Mobile Phones
Enrique López Mañas, Javier Plá Herrero, Gonzalo Méndez, Pablo Gervás
- Date and congress
• Title of the publication
• Authors
Proceedings of the 2nd Workshop on Story-Telling for Educational Gaming (STEG) 2009.
Speaker
Re-Telling History: A Web-based Educational Videogame for Teaching History
Enrique López Mañas, Javier Torrente, Pablo Moreno-Ger and Baltasar Fernandez-Manjon.
- Date and congress
• Title of the publication
• Authors
Proceedings of the 1st Workshop on Story-Telling for Educational Gaming (STEG) 2008
Making sense of collaboratively annotated Multimedia Metadata for (mobile) digital Story-Telling and Educational Gaming
Marc Spanyol, Pablo Moreno-Ger, Enrique López Mañas, Niels Drobek, Baltasar Fernández-Manjón

COMPUTER SKILLS

Programming: Fluency in Java, C++, C and PASCAL. Familiarity with Perl, ADA, declarative programming functional programming (Haskell), logic languages (LISP, Prolog). Able to quickly learn new programming languages and APIs

Game programming and 3D graphics: Graphical and multimedia libraries (DirectX, OpenGL) with diverse game engines (jMonkeyEngine, Ogre3D...). Experience in Game design

Web Development: experience with the J2EE platform and XML technologies (JSP, Servlets, databases ...). Fluent in HTML, Javascript, PHP, XSLT, etc.

Mobile development: experience with Android
<https://market.android.com/developer?pub=Enrique+López+Mañas>), iPhone and Sony Ericsson SDK.

OTHER RELEVANT WORK

Development of a free Java tool to assist with Translations for Android:

<http://code.google.com/p/language-assistant-android/>

Development of the OpenSource computer vision library CvBlob for Android

[\(http://code.google.com/p/cvblob-for-android/\)](http://code.google.com/p/cvblob-for-android/)

Development of a Computer Vision based application for AbreDatos 2010 (equivalent to the event "Apps for America"), TrafficVision. (<http://www.trafficvision.net/>) An English overview can be found on the SVN: http://code.google.com/p/traffic-vision/wiki/Summary_english

Development of an application using geo-localization and web services to provide information about the Spanish Government public money investments, presented to AbreDatos 2011 (<http://neo-tech.es/ciudadano-e/>).

Development of a Civilization IV mod and a matching algorithm to find suitable game partners for a course during a Erasmus year. <http://eiche.informatik.rwth-aachen.de/civ4/> (not online, but accessible using Google Cache)

Paper for the seminar "Selected Topics on Specifying Intelligent Agents": STRIPS and ADL, a documental approach. To be published on the Chair Website (<http://www.kbsg.rwth-aachen.de/teaching/SS2010/Sepia10>)

Co-developer and maintainer of Game Guru, a video game developed for a university seminar, <http://www.fdi.ucm.es/profesor/fpeinado/projects/gameguru/>

Speeches given through the game developers association GUEIM: "Desarrollo de videojuegos web: el caso de Prime War" (web games development: the case of Prime War)

Development of the website for the Company NiceDraw (<http://www.nicedraw.es>)

Development of the Website for the Faculty of Laws at the Complutense University (<http://www.ucm.es/info/derecho/web/>)

OTHER HABILITIES AND MERITS

President of the game developers association GUEIM (<http://www.gueim.org>). , December 2008 – now. Maintenance, design and development of the Website

Translation of the ASPO (Association for the study of peak of oil and gas) from English to Spanish (<http://www.crisisenergetica.org>).

Co-organization of the Spanish chapter of the Game Jam (<http://www.gamejam.es>), January 2009

Amateur drum and piano player

Erasmus experience during the year 2007-2008 in Aachen, Germany (RWTH University)