

# Resume

## Personal Details

- Name: Héctor García Puigcerver
- Date of Birth: 25th February 1981, Spain
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## Desired employment

- Research position related with Artificial Intelligence, Information Retrieval Technologies or Website Development.

## Academic Background

- **2004-2005 - European Union and Japanese Government Vulcanus Fellow**

One year programme in Japan for 24 European Engineers selected from 760 applications. Consisting on 4 months of Japanese language, culture and business courses and 8 months of internship in a Japanese Company.

- **2004 - CERN Summer Student**

Fellow researcher at the IT department and pupil at the Summer Student Lectures.

- **1999-2004 University: Universidad Alicante**

5 years M.Sc program in Computer Science Engineering.

- **2003 - 2004 University: Universidad Alicante**

University Expert on Applications and Web Services with Java Enterprise.

- **2003 - 2004 University: Universidad Alicante**

Fellow researcher at the Department of Languages and Computer Systems ([www.dlsi.ua.es](http://www.dlsi.ua.es)).

- **Extra Courses**

- Japanese society and business - Kai School - *Lecturers from Fujitsu, Mitsubishi, NTT and Japanese Government*
- Mobile Telephone programming with J2ME- *Universidad de Alicante*
- Programming with .NET - *Universidad de Alicante*
- Dynamic GPS - Lecturer by *Nasa Goddard Space Flight Center*
- Particle Physics Open Course - Kek, Japan
- Multirobot systems - Lecturer: *Ronald Arkin, Georgia Institute of Technology*
- Intelligent Agents - Lecturer: *Katia Sycara, Carnegie Mellon*
- Artificial Intelligence, Neural Networks and Robotics- *Universidad de Alicante*

- Microrobotics - *Universidad de Alicante*
- Youth and Mass media - *Universidad de Alicante*
- **Languages**
  - English - *TOEFL 257 - High Level*
  - French - *Medium level*
  - Japanese - *Kai School, Japan - High level*
  - Spanish and Catalan - *Mother tongues*
- **Artistic skills:**
  - Piano - *Benidorm Music School*
  - Photography - *Universidad Alicante*
  - Actor in a documentary about Japan - Canal +
  - Writing a weblog about my life in Japan - <http://kirai.bitacorras.com/>

## **Technical Publications**

- **Ir-n, a Passage Retrieval Architecture.** Fernando Llopis, Héctor García Puigcerver, Mariano Cano, Antonio Toral. *Proceedings of the Seventh International Conference on Text, Speech, Dialogue - TSD 2004, September 8-11, 2004. Springer-Verlag in Lecture Notes in Artificial Intelligence as Volume 3206 Page 57.*
- **Grace.** Information retrieval system using GRID technology. Poster at Cern Document Server.

## **Media Publications**

- **Main actor in a documentary about Japan** broadcasted by Canal +, one of the most important TV and Cinema producers in Europe. - 2005
- **Selected for the section Technopeople** inside “El País”, the most read newspaper in Spain, where I was interviewed about my life and my weblog - 2005

## **Knowledge**

- **Technologies and programming languages:** C/C++, J2EE, C#, J2ME, Perl, Python, JavaScript, Php, XHTML, Css, XML, XSLT, MySQL, Matlab.
- **Programs:** Visual Studio, Eclipse, UltraEdit, Vi, Photoshop 7.0.
- **Operating Systems:** Linux, Solaris, Symbian, Windows.
- **Skills:**
  - Automatic Speech Recognition
  - Programming IA and Robotic algorithms.
  - Designing and programming Websites.
  - Developing Web Services using .NET and Java Enterprise.
  - Designing networks on Windows and Unix.
  - Developing and designing Client/Server applications.
  - Developing programs and games for Mobile Phones.
  - Programming and designing algorithms for Information Retrieval.

## **Experience**

- **2005:** Fellow researcher at Vorero Research Group inside Asahi Kasei Japan working with the best embedded automatic voice recognition system in the world.
- **2004:** Fellow researcher at CERN IT Department working with the GRID Technology and Search Engines.
- **2003-2004:** Fellow researcher of Information Retrieval systems at the Department of Languages and Computer Systems. University of Alicante.
- **1998-2005:** freelance website design for communities with Php, MySQL, Javascript, XHTML, CSS and Java.