

Cristóbal Carnero Liñán

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“Creativity is intelligence having fun.” – Albert Einstein

Summary

More than 10 years of professional experience in the software industry and university research groups. Expertise in developing, deploy and manage server-side software and web services.

Education

- 2009 – 2011 **Master in Software Engineer and Artificial Intelligence**, *Universidad de Málaga*.
- 2002 – 2007 **Computer and Software Engineering**, *Universidad de Málaga*.
5-year university degree. Bachelor Thesis approved with Special Distinction.

Experience

- 2014 – 2015 **Axafone**, *Consultant*.
 - Web technology consultancy.
 - Customized web crawlers.
 - Speaker.
- 2013 – 2014 **CursosDeSEO**, *Entrepreneur, DevOps*.
Search engine of courses from different platforms and formats.
- 2011 – 2013 **Melomics Media**, *DevOps, System Administrator*.
 - Server side development and deploy of a massive online music repository, with searches, streaming, purchases and public API.
 - Administration of several Debian servers.
 - Development and deploy of automatic video edition software with additional post-processing capacities as chroma key, effects, titles, subtitles, publishing,...
- 2009 – 2011 **Universidad de Málaga**, *Researcher*.
Computer vision research in the department of “*Computational Intelligence and Image Analysis*”, managed by José Muñoz Perez and Enrique Dominguez Merino.
- 2007 – 2009 **Tedial S.L.**, *Software Developer, System Administrator*.
 - Server-side media storage technologies.
 - Authentication, authorization, and access control.
 - Management of surveillance cameras.
 - Deployment of software and administration of several SuSE Enterprise Server installations.
- 2005 – 2006 **Novasoft**, *Software and Web Developer*.
Educational video games.

Master Thesis

Title *“Shape recognition through new convexity descriptors”*
Supervisors José Muñoz Perez, Enrique Dominguez Merino
Description For this project several new convexity descriptors were devised. Then they were tested in the recognition of the *American Sign Language* used by deaf people.

Bachelor Thesis

Title *“A Video Surveillance System for Fall Detection”*
Supervisors José Muñoz Perez
Description Development of a video surveillance software to automatically detect the fall of persons.

Free Software Projects

Since 2014 **WooDPD**, <http://woodpdplugin.com>.
WordPress Plugin to integrate DPD purchases in WooCommerce.
Since 2013 **OrigamiPress**, <http://origamipress.com>.
Blog tool, publishing platform, and CMS developed in Python. Yet to be published.
Since 2017 **cvBlob**, <http://woodpdplugin.com>.
Blob library for OpenCV, widely used in computer vision and robotic research.

Languages

Spanish **Native**
English **Fluent**

Qualities

Computer skills

Languages: C, C++, Python, Java, Bash, HTML5, CSS, JSON, JavaScript, PHP, ASP, Delphi, Octave, Matlab, ActionScript, Assembly (Intel x86, AT&T).
Databases: Oracle, MySQL, MongoDB, Redis, Memcached.
Web servers: Apache, Nginx.
Environments: Vim, GDB, Make, CMake, KDevelop, Eclipse, Visual Studio. Mercurial, Git, Subversion, CVS.
Frameworks: Pyramid, web.py, Elasticsearch, Scrappy, Bootstrap, Mako, Supervisor, Celery, Cornice, WordPress, OpenCV, OpenGL, OAuth.
APIs: PayPal, Google Wallet, Braintree.
SO: GNU/Linux (SuSE Enterprise Server, Debian, Ubuntu), Windows.
Others: LaTeX, Doxygen, LibreOffice, Inkscape, Gimp, Krita, Photoshop, Flash, Dreamweaver, VMWare.

Personal skills

Engineering

- Ability to find creative solutions.
- Strong analytical, able to anticipate issues, resolve concerns and improve efficiency.
- Good software engineering skills.
- Care of coding standards.
- Eager to learn and develop new skills.

- Others
- Ability to work without direct supervision.
 - Skilled in building excellent rapport with team members and clients.
 - Great verbal and written communication skills (wide experience in both Spanish and English).
 - Professional experience in public speaking.

Interests

GNU/Linux, web servers, web spiders, image processing, computer vision, computer graphics, artificial intelligence, developing compilers, security.