Francisco Fernández Castaño *November 6, 1989*

francisco.fernandez.castano@gmail.com • Madrid • Spain

Passionate software engineer interested in distributed systems, functional programming, databases, mathematics and machine learning. Speaker at international conferences like Codemotion, Europython, Scala Workshop, FOSDEM and several PyCons. Highly self-motivated, enjoy collaborating with others to solve technological challenges and problems. Always keen to learn from the team to become a better professional.

Experience

Upclose — MADRID, SPAIN

Software Engineer — *Aug '14 – Present*

Backend development of an API consumed by different platforms using Python, Postgresql and Redis. Architecture based on Microservices deployed using containers solution. In charge of building a distributed Encoding service, using Akka toolkit. Also, some basic data processing to provide insight about platform usage.

Biicode — MADRID, SPAIN

Software Engineer — *Jul '13 – Aug '14*

Development of a file oriented dependency manager for C/C++, and other languages like NodeJS, Python. My work is focused on the client side and backend.

flowlab — MADRID, SPAIN

Software Engineer — *Jun '12 – Jul '13*

Web applications development using Ruby on Rails framework alongside other technologies like Sphinx, Redis, PostgreSQL. These projects followed an Agile process using Scrum.

Arco Research Group — CIUDAD REAL, SPAIN

Research Assistant — *Mar '12 – Jun '12*

Maintenance of ElCano's distributed architecture. ElCano was developed using ZeroC Ice middleware. It was a multidisciplinary project to assist indoor navigation for handicapped people trying to optimize and reduce their movements in these spaces.

Oreto Research Group — CIUDAD REAL, SPAIN

Research Assistant — *Apr '10 – Jun '12*

Development of an infrastructure to assist indoor navigation system, by Augmented Reality techniques using OpenGL, Ogre, PTAMM and ARToolkit libraries, to help disabled people. Indra funding.

Please refer to my Linkedin profile for the complete list of work experiences along with recommendations.

Education

UNED — SPAIN

Bachelor in Mathematics — *2014 – Present*

UCLM - Escuela Superior de Informática — CIUDAD REAL, SPAIN

Bachelor in Computer Science - Final bachelor thesis to be presented — *2007 – 2012*

Skills

Technical specialties: I love Python/Go/C++ and lately I'm interested in functional programming languages like Scala and Clojure. Linux system administration using latest technologies like CoreOS, Docker and also with classic distributions. Knowledge of different RDMS and NoSQL storages like Neo4J, MongoDB and Redis.

Natural languages: Spanish *(mother tongue)*, English *(full professional proficiency)*.

Interests

Travel, cooking, music, literature, films, mathematics, machine learning