

Francisco Javier Sigler Gómez

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04/07/1985



Java and C++ Software Developer

2011-present

Telefónica R&D, hired by HI-Iberia, Madrid, Spain

Project: **Nomad Connexion** (2012 –present), Consumer Electronics.

Mobile Internet connectivity service for smartphones and tablets. Release 1.2 has recently gone live.

- **Java Backend Software Developer.** High load backend server accepting 2500 operations per seconds and employing Spring framework including security and AOP, Camel, CXF, Velocity, Jetty, Rest/Json network protocol, and MongoDB. Experienced also on Python.
- **Main Android Developer** on Android 3.2 for release 1.1. (4 months)
- **Scrum Master** of 5 team members. (15% time dedication)

Project: **Casper** (Sep. 2011 – Jan. 2012), Cloud Computing

Proof of Concept of unlimited cloud storage service provider including video thumbnail processing.

- **Java Backend Software Developer.** Html/XML, Rest/Json, and Thrift network protocols, Spring framework and MongoDB. Test Driven Development and Extreme Programming were used.

Project: **3G-Box** (Jan. 2011 – Sep. 2011), Cloud Computing

Windows XP and Windows 7 desktop application integrated in a 3G USB modem and providing unlimited cloud storage.

- **C++ Desktop Software Developer** working on automatic USB detection, application monitoring, shadow application updates, Internet connectivity manager as well as Shell extension that manages integration into Windows Explorer. STL, C++ Boost libraries such as Asio, bind, MPL, smart pointers, serialization, smart pointers, etc, and Win32 API were the main technologies utilized.

All mentioned projects have made use of Jira, svn, and Jenkins as agile framework, source code repository and continuous integration system, respectively.

SAP HR Abap IV Backend Software Developer

Jul. 08 – Jul. 09

NorthgateArinso, Granada, Spain

Project: **euHReka onDemand**, SAP HR euHReka development

Human Resource web framework built on top of the SAP's HR module.

- **Abap IV Backend Developer** of the sub-modules OM, PA, PD and TM, and main supervisor the sub-module PE implying international team coordination. Html/XML was the network protocol used.
- **Instructor** of the USA team in the euHReka core API.

Education

Online Course in Introduction to Artificial Intelligence

Sep. 11 – Dec. 11

AI-Class.com in partnership with Stanford Engineering

8.76 out of 10

- *Key Modules:* Bayesian networks, supervised and un-supervised learning, hidden Markov models.

MSc. in Advanced Computer Science

Sep. 09 – Sep. 10

University of Liverpool, United Kingdom

Distinction

- *Key Modules:* Information Security, Data Mining, Multi-agent systems, Computational Intelligence, and Game Theory.

- *Master Project:* “Global Balance of Power in Strategy Games”. Compensator of character powers for strategy games written in C++ along with Boost. Project implemented in Visual C++ and QT with the Boost libraries: serialization, variant and graph and the Win32 API to print files.

5-year BSc. Computer Engineering

Sep. 03 – Sep. 08

University of Granada, Spain

8 out of 10

- *Main Subjects:* Artificial Intelligence, Computer Networking, Operative Systems, Software Engineering, Databases y PL/SQL, Computer Architecture, Mathematical Analysis, and Language Processing.

- *Bachelor Project:* “Pedophile behavior detector on IRC chats”. Real-time language text-pattern recognizer built on a multi-agent system architecture and implemented in Visual C++.

High School in Science

Oct. 01 – Jun. 03

Maristas Brothers, Granada.

9 out of 10

- *Highlighted Subjects:* Mathematics, Physics, Chemistry, English and French.

Collaborations

Crusoe: a 3D-adventure game

crusoe.sourceforge.net

- Co-founder of the adventure video game based on C++ and Ogre3D. My main duties were project management, designing and development of the first draft of the game.

Languages & Others

Languages

- **English:** Fluent
- **Spanish:** Native

Drive license.
Willing to travel.

References

Dr. Sven Schewe, first supervisor of the MSc. project,

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Thomas Linskens, former NorthgateArinso manager,

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