

Guillem Hernandez Sola

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Objective

A position as software quality assurance engineer where I can help improving the usability of Canonical software by applying my technical knowledge, programming methods, debugging skills and critical evaluation capabilities.

Specialties

Software QA engineer, development of QA tools, performance testing, web site development, web programming, open source consultancy.

Skills

Programming Languages: Large experience with C, C++, Java, Python and its testing tools, PyGTK, PyGI (former PyGObject), Bash and shell scripting, SQL databases, JUnit, Subversion, AJAX, JavaScript, PHP, HTML,XML, and CSS techniques.

Computer and OS: Active user in Launchpad, IRC, mailing list administrator, Word, TeX, Latex, Excel, Access and Powerpoint

Open source: Experience with open source development tools and methodology, Open source development IDE tools like Eclipse, Netbeans, Anjuta and Geany. Ubuntu and Debian package maintenance. Knowledge of Linux server technologies. Experimented in Linux desktop automation components, working knowledge of cloud computing systems.

Mobile and Embedded: developed and tested Android applications, designed applications for DSP boards and architectures, engineered applications for ARM and x86 processor architectures

Personal: Strong knowledge of how to be part of a distributed team, excellent logic, problem solving, and troubleshooting skills, fast learner, open to new ideas and hard worker, great capacity to deal with crisis scenarios, excellent organizational ability and available for travel as required

Recent Experience

- **Zet** Barcelona, Spain
Software Quality Assurance Engineer and Software Test Engineer *June 2009 – Present*
 - Zet bios software QA engineer. Zet processor is an open implementation of the so widely used IA-32 architecture. <http://zet.aluzina.org/>
- **CETC** Barcelona, Spain
Court Telecommunication and Technological Expert *January 2009 – Present*
 - Serve a leading role for the Judicial Court as telecom expert part on legal disputes, providing an expert opinion on the technological matters raised in a legal dispute between two parties. <http://www.telecos.cat>
- **Teoria del Senyal i Comunicacions (UPC)** Barcelona, Spain
Assistant Researcher *September 2008 – Present*
 - Coordinate efforts in various public and private granted contracts, developing various enhancements for PCE-based optical multi-domain networks. <http://tsc.upc.edu/gco>

Education

- **Universitat Politècnica de Catalunya - Barcelona** Barcelona, Spain
M. Sc., Telecommunication Engineering (5 years degree); *September 2001 – July 2007*

QA Certification

- **ExpoQA - Barcelona** Barcelona, Spain
ISTQB (International Software Testing Qualifications Board) Certified Tester Foundation Level; *Febraury 2011*

Languages

English (C2), Catalan (Native), Spanish (Native) and Chinese (B2)