

# Guillem Hernandez Sola

✉ <http://www.hernandezsola.com>

✉ <http://www.hernandezsola.com/blog>

## SUMMARY

Guillem Hernández Sola received his M.Sc. degree in telecommunications engineering in 2007 from the Universitat Politècnica de Catalunya (UPC). Graduated with honors. Guillem is software quality assurance engineer specialized in starting and building QA programs and performance testing. Guillem has testing experience with a wide variety of projects and environments. He has been coordinator and leader in testing processes, test strategies and plans, bug documentation and regression, and bug tracking system development.

## SPECIALTIES

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

## SKILLS

- Strong knowledge of Linux server technologies ( Advanced , 8 years experience )
- Experience with Python and its testing tools ( Intermediate , 2 years experience )
- Ubuntu and Debian package maintenance ( Intermediate , 5 years experience )
- Bash and shell scripting ( Advanced , 5 years experience )
- Experience with SQL databases ( Advanced , 5 years experience )
- Experience with DSP boards and architectures ( Advanced , 1 year experience )
- Experience with JUnit and Subversion ( Intermediate , 3 years experience )
- Experience with Excel, Access and Powerpoint ( Advanced , 10 years experience )
- Active Launchpad, IRC and mailing list user ( Advanced , 6 years experience )
- Experience with C, C++, Java ( Advanced , 10 years experience )
- Experience with PyGTK and PyGI (former PyGObject) ( Intermediate , 1 year experience )
- Experience of developing Android applications ( Beginner , < 1 year experience )
- Experience with ARM and x86 processor architectures ( Beginner , 1 year experience )
- Experience with open source development tools and methodology ( Advanced , 5 years experience )
- Good knowledge about AJAX, JavaScript, PHP, HTML,XML, CSS, templating techniques ( Advanced , 5 years experience )
- Highly knowlegde of how to be part of a distributed team ( Advanced , 10 years experience )
- OSS development IDE tools like Eclipse, Netbeans, Anjuta and Geany ( Advanced , 3 years experience )
- ISTQB (International Software Testing Qualifications Board) certified tester ( Intermediate , 1 year experience )
- Experience with Word, TeX, Latex ( Advanced , 5 years experience )
- Excellent logic, problem solving, and troubleshooting skills ( Expert , 8 years experience )
- Working knowledge of cloud systems ( Beginner , < 1 year experience )
- Fast learner, open to new ideas and hard worker ( Advanced , 8 years experience )
- Able to deal with a crisis in a calm, professional manner ( Advanced , 8 years experience )

- Excellent organizational ability and willing to travel ( Advanced , 8 years experience )
- Experience with desktop automation components ( Intermediate , 3 years experience )

## EXPERIENCE

**Mito Cuina Asiatica** 03 / 2011 - Present  
Web and QA Engineer

Responsible administrator, developer and tester of private e-commerce web site and web app development and POS, using technologies PHP, MySQL, XML, and others.

**Zet** 06 / 2009 - Present  
Lead Software Quality Assurance Engineer and Software Test Engineer

Zet bios software QA engineer. Zet processor is an open implementation of the so widely used IA-32 architecture. For more info <http://zet.aluzina.org>

**Col·legi Oficial d'Enginyers de Telecomunicació de Catalunya** 01 / 2009 - Present  
Court Telecommunication and Technological Expert

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.

**Teoria del Senyal i Comunicacions (UPC)** 09 / 2008 - Present  
Assistant Researcher

Coordinate efforts in various public and private granted contracts, developing various enhancements for PCE-based optical multi-domain networks.

**Universitat Politècnica de Catalunya** 09 / 2005 - 06 / 2008  
IT and help desk support for Teoria del Senyal i Comunicacions

A help desk is an information and assistance resource that troubleshoots problems with computers or similar products.

**Universitat Politècnica de Catalunya** 02 / 2005 - 03 / 2006  
Linux beginner training course

Developed a Linux training course specifically having in mind that a Linux beginner do not know the open source environment.

## EDUCATION

**Universitat Politècnica de Catalunya** 2001 - 2007  
M. Sc. , Telecommunication Engineering (5 years degree)

## CERTIFICATIONS

**ISTQB - Foundation Level** 02 / 2011  
International Software Quality Institute (iSQI GmbH)

## LANGUAGES

- English ( Full professional proficiency )
- Catalan ( Native or bilingual proficiency )
- Spanish ( Native or bilingual proficiency )
- Chinese ( Limited working proficiency )