

Alberto Aguilera

Software Engineer
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Profile

I'm a software developer who likes learning about different technologies when I have the time, because I believe it helps me think about problems in different ways.

I like to try and contribute to other people's projects, even if it's only by reviewing code and giving my opinion on how it could be improved. Sometimes, I also publish tiny bits of code I write, even if it's only for myself as a note for future reference. For this, I always use <https://github.com/drimer>

Professional experience

- **Mercurytide**
Software Engineer 04/2017 - present
- **Rolepoint**
Software Engineer 11/2015 - 02/2017
 - Responsible for maintaining and improving Rolepoint's platform. Taking into consideration customers' requests and adding new features when necessary.
 - Dealing with clients like VMWare, Santander, Blizzard and others to integrate with their ATSS.
 - Technologies used: Python, Flask, Google Appengine, HTML, jQuery, Backbone.js, Bacon.js
- **eporta.**
Full-stack Developer 05/2015 - 09/2015
 - As part of a small team of full-stack developers, I had to expose myself to different technologies and needed to play different roles, intermittently, as Developer, DevOps, tester and sysadmin.
 - Technologies used: Python, HTML, LESS, jQuery, AngularJS, Amazon S3, Django, Fabric, Postgres, Jenkins
- **Geneity Ltd**
Software Engineer 03/2014 - 05/2015
 - Developed automated processing of external data coming from feeds in order to track latest updates on sports events.
 - Added new functionalities to Geneity's sportsbook, on a per customer's requests basis.
 - Actively involved with Test Automation.
 - Improved code quality and development process by introducing TDD in the company and help other developers write better unit tests.
 - Technologies used: Python, Docker, PL/SQL, Jenkins
- **YouView TV Limited**
Software Engineer in Test 10/2012 - 03/2014
 - Maintained a platform that distributes test execution among different machines and set-top-boxes.
 - Extended coverage of the test suite and maintained the existing tests.
 - Wrote Python tools and libraries to make the tests readable by other non-technical teams.
 - Analysed bugs in the set-top-boxes by going through logs.
 - Technologies used: Python, Flask, HTML/CSS, Javascript, Bash, DBus, Jenkins
- **Ábaco Andaluza de Arte y Artesanía S.L. (internship)**
Webmaster 11/2011 - 03/2012
 - I did an internship in this company as web developer of libreriababilonia.com and abacoarte.com.

- I maintained both webpages following SEO specialists' demands for positioning and adding new features. Using: Python, Django, HTML/CSS, PHP, Prestashop.

■ **Campus Party**
Dinamizador

Valencia, España
07/2007

■ **Andalucía Compromiso Digital (Cruz Roja)**
Volunteer

Jaén, España
11/2008–10/2009

- Volunteers in ACD are to bring people near new technologies. Their main purpose is to let everyone use any technological device, regardless their age, ethnicity or special conditions.

Skills

Test development: I have experience with Continuous Integration practices, using CI tools like Jenkins or CircleCI, writing libraries and tools to automate testing in different technologies: web services, end-to-end testing of set-top-boxes, as well as identifying issues, reporting them and keeping track of them using ticketing systems.

Web development: Experience with Django, Flask, Python, Google Appengine, HTML, jQuery, AngularJS, BackboneJS, BaconJS among others.

DevOps: Experience following development through its all phases and managing different environments of the same platform.

Operating Systems: I'm a casual user of Windows, and a daily user of Linux. I am used to dealing with all sorts of problems by using the Linux shell.

Desktop development: I have used Java several times, as well as C++ with Qt, and Python with pyGtk.

Education

■ **Introduction to Project Management**
City University of London

2013

■ **Bachelor of Engineering in Computer Science**
University of Granada

2009 – 2012

■ **Introduction to Artificial Intelligence**
Stanford University

Online Course
2012

■ **Introduction to Robotics**
University of Jaén

03/2006

Languages

- **Spanish:** Native
- **Catalan:** Native
- **English:** Certificate of Advanced English (Cambridge ESOL)