Alberto Aguilera

Date of birth: April 8th, 1988 Place of birth: Barcelona, Spain E-mail: albertoaguileraj@gmail.com

Profile

I'm a software developer who likes learning about different technologies when I have the time, because I believe it helps to think out of the box and get new ideas. What I'm particularly interested in is machine learning and big data, which will be the next thing I take on.

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. I love to start new projects and see how these slowly grow. Sometimes, I also like to publish tiny bits of code I write, even if it's just as a future note for myself. For this, I always use https://github.com/drimer

Professional experience

■ Rolepoint

Software Engineer

11/2015 - present

- 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)

We bmaster

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

Python: Advanced
Git: Advanced
Linux: Advanced
Bash: Advanced

■ Django: Intermediate - Advanced

Javascript: Intermediate
 HTML/CSS: Intermediate
 ANSI C: Intermediate

■ C++: Intermediate

Test development: I have experience with Continuous Integration practices, using Jenkins as a CI tool, writing libraries and tools to test the UI of set-top-boxes, as well as identifying issues at lower levels by analysig logs i.e. (dbus, serial), reporting and keeping track of them using JIRA.

Web development: Experience with Django, HTML, jQuery and AngularJS.

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: NativeCatalan: Native

■ English: Certificate of Advanced English (Cambridge ESOL)