Alberto Aguilera

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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

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Professional experience

- **Criton apps**
  Senior Software Engineer   *11/2017 - present*
  - Appointed as Tech Lead after my 3-month probation. Managing a team of frontend and backend developers and mentoring our support manager into software development.
  - Porting existing functionality from an old PHP system into new Python code.
  - Designing RESTful API to be consumed by the frontend (Angular2).
  - Setting up a good system architecture, continuous integration (CircleCI), and making high level decisions regarding our CMS system, both frontend and backend wise.
  - Prioritising backlog and mentoring less experienced developers.
  - Technologies used: Python, Flask, SQLAlchemy, CircleCI, Angular2, Vagrant, PHP, Sentry, Linux, MySQL.

- **Mercurytide**
  Senior Software Engineer   *04/2017 - 10/2017*
  - Responsible for maintaining the different customised websites developed for a big range of customers.
  - Responsible for introducing continuous integration and TDD into the company for the first time.
  - Prioritising backlog and mentoring other developers.
  - Technologies used: Python, Django, HTML, jQuery, CSS, Linux, Docker, Postgres.

- **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 Applicant Tracking Systems.
  - Mainting our systems up and running in good condition, putting on my DevOps hat.
  - Technologies used: Python, Flask, Google Appengine, HTML, jQuery, Backbone.js, Bacon.js, CircleCI, AWS, Datadog, Linux, Docker

- **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, Linux

- **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, Bash, Docker, PL/SQL, Jenkins, JIRA, Linux

- **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, Linux, 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**   **Valencia, España**
  Dinamizador   *07/2007*

- **Andalucía Compromiso Digital (Cruz Roja)**   **Jaén, España**
  Volunteer   *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.

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**   Online Course
  Stanford University   *2012*

- **Introduction to Robotics**
  University of Jaén   *03/2006*

Languages

- **Spanish:** Native

- **Catalan:** Native

- **English:** Certificate of Advanced English (Cambridge ESOL)