

# 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

*Technical Team Lead*

*02/2018 - present*

- After having done all the ground-breaking work for our new API, I was promoted as Tech Lead.
- Accounting for head count of developers in my team.
- Prioritising backlog and guiding the whole team towards the same goals.
- Ensuring code quality and architecture of the software is kept high while adding features and fixing bugs.
- Doing staff reviews for the members of my team.
- Technologies used: Python, Flask, SQLAlchemy, CircleCI, Angular2, Vagrant, PHP, Sentry

### ■ Criton apps

*Senior Software Engineer*

*11/2017 - 02/2018*

- Responsible for porting existing functionality from an old PHP system into new Python code.
- Responsible for setting up a good system architecture, continuous integration (CircleCI), and make 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

### ■ 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

### ■ 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.
- Maintaining 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 libreriaabailonia.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.

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## 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

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## Languages

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