

# Alberto Aguilera Juárez



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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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## Professional experience

- **YouView TV Limited**  
*Software Engineer* 10/2012 - current
  - My role includes, among other duties:
    - Development of a webpage to distribute tests, in Python (Flask), HTML/CSS and jQuery (with a small flavor of Backbone).
    - Development of python tools and libraries to support the test automation
    - Tests development
- **Ábaco Andaluza de Arte y Artesanía S.L.**  
*Webmaster* 11/2011 - 03/2012
  - I did an internship in this company as web developer of [libreriaababilonia.com](http://libreriaababilonia.com) (developed with django) and [abacoarte.com](http://abacoarte.com) (developed in PHP, using 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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## Skills

- **Python:** Advanced
- **Git:** Advanced
- **Linux:** Advanced
- **Bash:** Advanced
- **Javascript:** Intermediate
- **HTML/CSS:** Intermediate
- **ANSI C:** Intermediate

- **C++:** Intermediate
- **MySQL:** Intermediate

**Test development:** I have experience in automating tests, by 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 analysing logs i.e. (dbus, serial), reporting and keeping track of them by use of Jira.

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

**Web development:** I have written webpages using Flask (python), HTML/CSS and jQuery.

**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 and all the low level tools provided by the operating system.

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## Projects

Even though these are just tiny projects I've written, and most of them aren't even near to be finished, this is a list with the ones I've enjoyed developing the most:

**NetControl:** allows a user to allow or deny network operations performed from every terminal in his own LAN network. Technologies used: Linux, Python, Bash, iptables and Qt.

**QtPaint:** small example of a Paint written in C++ using Qt. Technologies used: Linux, C++ and Qt.

**albertoaj\_com:** the source code of my personal webpage. Technologies used: Python, Flask, HTML and JavaScript.

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## Languages

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

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## Interests

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 provide some of the code I write to the public, so I have my own space in GitHub, where I can do so: <https://github.com/drimer>

Because there are so many ways of doing one same thing, I like to keep learning about new technologies and improve my knowledge even if it's only by knowing that 'something' exists but I don't even know how it works. I like to think that learning is the best way of doing future jobs more efficiently.

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## Availability

I have driving license and to a certain extent, moving around within the city and its surroundings would be no problem for me.