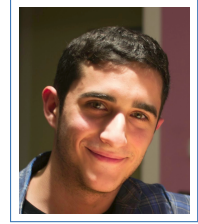


# Adrian Garcia Garcia

## Curriculum vitae

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🌐 [mizadri](#)



## Academic qualifications

- 2011–2016 **Bachelor's Degree in Computer Science Engineering**, *Complutense University of Madrid*, Average: 7,82.
- 2016–Now **Master's Degree in Computer Science Engineering**, *Complutense University of Madrid*, Current average: 9,12.

## Achievements

- June, 2016 **Graduated with special mention in the Final Project**, *Complutense University of Madrid*.
- **Title:** Operating system support for improving energy efficiency in asymmetric multicore systems.
  - **Director:** Juan Carlos Sáez Alcaide.
  - **Department of Computers' architecture and automatic.**
- 2011–2016 **Subjects passed with honors on the Bachelor's Degree in Computer Science Engineering**, *Complutense University of Madrid*.
- Operating Systems
  - Advanced Operating Systems and Networks
  - Computer Architecture
  - Linux and Android kernel architecture
  - Networks and Security
  - Mobile and multicore parallel programming
  - Databases
  - Configurations evaluation (Evaluacion de configuraciones??)

## Work experience

- Apr.-Aug. (2016) **Internship in Software Development**, *SATEC*, Madrid.  
Development of web applications in C# (.NET MVC), Razor and jQuery UI. Specifically, I contributed to build a web application that managed the government car management system.
- Nov. 2016 **Seven months in a colaboration scholarship with university departments**, *Department of Computer Architecture and Automatics*, Madrid.  
Study and development of a Linux kernel scheduler aware of the effects of shared-resource contention in asymmetric multicore systems. Awarded by the Spanish Ministry of Education, Culture and Sport.
- Feb. **System Administrator**, *Department of Computer Architecture and Automatics*, Madrid.
- 2017–Now Administration of Linux systems and maintenance of the physical and virtualized infrastructure.
- Aug. 2016 **Deployment and development in Wordpress of a website for a Spanish political party**  
[Ahora Arganda](#).

## Additional information

- 12-30-1993 **Spanish**, *Native*.

Sept. 2016 **English**, *Level: C1*.

- Cambridge English Certificates
  - [First Certificate in English](#) (FCE), Madrid, April 2012.
  - [Certificate in Advanced English](#) (CAE), Madrid, September 2016.
- English courses with native teachers in Dicken's academy (2011 y 2015).
- I stayed one month with a foster family in Athenry (Ireland) while I studied an intensive english course on the mornings (August 2010): [Certificate](#).

Nov. 2016 **Course in Big Data: data analysis with python**, *Complutense University of Madrid*.

Continious formation course of the UCM that teached to gather data from web pages, Twitter and different file formats (csv, xls, txt, etc.) in order to parse them and work with them using different python libraries: numpy, matplotlib and pandas. [Certificate](#).

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## Other skills

Known  
technologies

- **Python**
  - Pandas
  - Numpy
  - Matplotlib
  - Telegram API
- **C**
  - Linux kernel modules
  - Sockets
  - Pipes
- **C++**
  - OpenMP
  - MARE
  - OpenGL
- **C#**
  - ASP.NET MVC
  - Razor
  - jQuery UI
- **Android apps** ([TheFridge](#))
- **Java**
  - Hibernate
  - JSP
  - Maven
- **PHP**
- **JavaScript** (jQuery)
- **CSS** (Bootstrap)
- **Bash**

### Other technologies.

- **Databases**
  - SQL
  - MongoDB
  - Neo4J
  - XML
  - Hibernate
- **Big Data**
  - Map Reduce
  - Spark
- **Machine Learning** ([python implementations](#)):
  - ID3 classification trees.
  - Complete Index (Data compressions: variable-bytes, elias-gamma or elias-delta).
  - Vectorial Index.
  - Naive Bayes.

- **Network administration and virtualization**
  - IPv4 e IPv6 network configuration. Persistent with *vysh*(similar to CISCO syntax but Open Source).
  - System administration via SSH.
  - Virtual Machine management with kvm (*virsh* and *virt-manager*).
  - Docker configuration and deployment.
- **LaTeX for Scientific papers and reports** ([Final Project](#) or [this CV](#))
- **Version control software** ([GitHub](#))
- Driving license.