





# Juan Sidrach de Cardona Mora

## Curriculum Vitae

 [jsid.me](mailto:jsid.me)  
 [contact@jsid.me](mailto:contact@jsid.me)  
 [github.com/jsidrach](https://github.com/jsidrach)  
 [linkedin.com/in/jsidrach](https://linkedin.com/in/jsidrach)

### Education

- 2015 – 2017 **M.S. in Computational Science, Mathematics and Engineering**,  
University of California, San Diego.
- 2010 – 2015 **Double Degree in Mathematics and Computer Science**,  
360 ECTS. Combined GPA – 8.4/10. Computer Science GPA – 9.1/10,  
Universidad Autónoma de Madrid.
- 2008 – 2010 **Bachelor of Technology**,  
First Class Honours, GPA – 10/10,  
Colegio Cerrado de Calderón, Málaga.

### Professional experience

- Jan. 2014 – **Software Developer Intern**, *High Performance Computing and Networking - HPCN*.  
June 2015
  - Contributed to the implementation of an API to federate a testbed into the european project Fed4FIRE.
- Sept. 2014 – **Collaboration**, *High Performance Computing and Networking - HPCN*.  
May 2015
  - Designed and implemented a web-based service to manage high performance network FPGA traffic capturers, as part of the End-of-Degree Project.
- July 2014 – **Banking Analytics Intern**, *Knowledge Engineering Institute - IIC*.  
Sept. 2014
  - Developed several software tools.
- June 2012 – **Intern**, *Innovación en Sistemas de Monitorización - ISM*.  
July 2012
  - Contributed to Emoncms ([emoncms.org](http://emoncms.org)), a powerful open-source web-app for processing, logging and visualising energy, temperature and other environmental data.
  - Implemented multilingual support.

### Other courses

- July 2015 – **Data Visualization**, *Coursera*,  
Aug. 2015 University of Illinois at Urbana-Champaign.
- 2012 – 2015 **English - Adult 7 to 9**,  
British Council.

### Honors, grants and awards

- 2011 – 2015 Highest Distinctions (honors) awarded for the academic performance in the following courses:
- Introduction to Videogame Programming and Graphics (2015)
  - Computer Systems II (2014)
  - Computer Systems I (2014)
  - Artificial Intelligence (2013)
  - Computer Architecture (2013)
  - Communication Networks II (2013)
  - Programming Project (2012)
  - Introduction to Computers (2011)
  - Programming I (2011)

2011 – 2015 **Excellence Grant - Community of Madrid**,  
Scholarship based on academic achievement awarded by the Community of Madrid based on the best student records. Awarded three times (2011, 2014, 2015).

---

## Technical skills

Prog. Langs. C, JavaScript, PHP, HTML, CSS, C#, Java  
Frameworks jQuery, node.js, express.js  
Software git, GNU/Linux (Desktop & Server), Windows

---

## Languages

Spanish **Native**  
English **Advanced (C1) Level**  
2015 **TOEFL iBT**, *ETS*.  
108/120  
2014 **Certificate in Advanced English**, *Cambridge English*.  
Exceptional in Writing and Reading

---

## Interests and hobbies

- Open Source Projects
- Software Engineering Methodologies
- Music (Piano, Drums, Saxophone)
- Software Architecture
- Computer Science Research
- Indie Game Development

---

## References

**References upon request**