

# Daniel MEDINA

dmedinag.github.io/

dmedinag@protonmail.com

## Education

**Candidate for Bachelor's Degree in Computer Science and Engineering** by Universidad Carlos III de Madrid, Madrid, Spain 2013-2018.

**University of Waterloo** exchange program during academic year 2016-2017 for Bachelor of Computer Science Degree, taking the following courses: Computer Graphics, Computational Intelligence, Multimedia Communications, Quantum Information Processing, Concurrent and Parallel Programming and Computer Security and Privacy.

Winner of the 9th ENISE **Cybersecurity Awareness prize**, by the Spanish INCIBE – October 2015.

Winner of the Founder Institute Prize, overall top 6 at Hackatown 2017 - February 2017

## Technical Skills

- C++ (main) / C / Python / Java / Ruby / Javascript / SQL / PHP / Lua.
- L<sup>A</sup>T<sub>E</sub>X, Markdown, HTML/CSS, Bison, Lex, Yacc.
- Android, jQuery, Rails, Django, Bootstrap, Flask, UIKit.
- OpenGL, Bullet.
- Other familiarities: Sketch, Weka,  $\mu$ C++.

## Technical Skills applied to CS relevant projects

- *Social network app* which finds you a buddy not to go home alone based in both people's planned routes (**Android**, Hackatown 2017 prize winner).
- Automatic *PacMan player* using AI/ML techniques (**Weka**, **Python**).
- YP's and Nuance's API integration with a Twitter bot and a webapp as interfaces (**Django**, **Python**).
- More at Github and Devpost (username: dmedinag).

## Work Experience

- **Exam Organizer**, *British Council Madrid*, June 2012-July 2016: Administrator, supervisor and invigilator (as applicable) for Cambridge ESOL Examinations.
- **Bike Shop expertee**, *Mammoth Mountain Bikes*, Summers 2012 and 2013, as a shop tender and bike mechanic, appreciated by my experience as a racer for many years.

## Languages

Native Spanish, fluency in English (C2 certified by the British Council) and basic French.

## Activities and interests

Hackathons and extreme sports, specially Mountain Biking. Other sports as Squash, Muay Thai, Ping Pong or Snowboard. Playing the piano and guitar.