

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-León, Oct 2015.

Winner of the **Founder Institute Prize**, overall top 6 at Hackatown 2017-Montreal, Feb 2017.

Technical Skills

- C++ (main) / C / Python / Java / Ruby / Javascript / SQL / PHP / Lua.
- L^AT_EX, Markdown, HTML/CSS, Bison, Lex, Yacc.
- Android, AWS, jQuery, Rails, Django, Bootstrap, Flask, UIKit.
- OpenGL, Bullet.
- Other familiarities: Sketch, Weka, μ 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.