

Daniel MEDINA

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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.

Relevant Courses: Design of Interactive Systems, Computer Security and Privacy (UW), Computer Graphics (UW), Files and Data Bases, Algorithms and data structures, Operating Systems Design, Concurrent and Parallel Programming (UW), Machine Learning, Business Management, Computer Networks, Software Engineering.

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

Technical Skills

- C++ (main) / C / Python / Javascript / SQL / Java / PHP / Lua.
- L^AT_EX, Markdown, HTML/CSS, Bison, Lex, Yacc.
- jQuery, Bootstrap, Flask, UIKit.
- OpenGL, Bullet.
- Other frameworks used: Weka, μ C++.

Technical Skills applied to CS relevant projects

- Cube exploration using **3D OpenGL** Rendering (C++).
- Automatic *PacMan player* using AI/ML techniques (**Weka, Python**).
- *Padding Oracle Attack* script for cookie decryption/encryption (**Python**).
- More @ [Github](#).

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 and basic French.

Activities and interests

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