

Daniel MEDINA

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Education

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.

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

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-Montreal, Feb 2017.

Winner of the **P&G Hackathon I** for Southern Europe-Madrid, Nov 2017.

Professional experience

- **Software Developer**, *Brandcrumb*, May 2017-Present.

In a fully cloud-based architecture on AWS, I experienced the benefits of working in a small team with a startup-like mindset. Besides, having no technology restrictions further than “whatever that runs on AWS” allowed me to explore and innovate, always seeking for the perfect tool for each new project.

I believe that some of the technologies I used and/or became familiar with while working for Brandcrumb are a representative example of the diversity of my experience in here (other than development):

- Containerizing applications with **Docker**, running on a custom and an **EKS K8s** cluster in AWS.
- Relational databases like **MySQL** or **PostgreSQL**.
- Non relational databases like **ELK stack**, **Redis**, **Redshift** or **Memcached**.
- **Kafka**, **Logstash** and **SQS** as message-passing systems.
- **Microservices** as **REST APIs**. Logic running on either **Python** (3.7), **Java** (10) or **Node**.
- CI/CD pipelines with **Jenkins** and **Codship**.
- **Spring** + **Hibernate** framework.
- Client side user tracking in **Node** with **Mocha** for testing (via cookie sync).

Other skills

Git, UNIX commands, Android, Django or Flask (REST), Keras (ML), OpenGL, Bootstrap, Hadoop...

First contact / small projects with many languages outside the ones used professionally, e.g. Ruby, Scala, Go, C++, C, MIPS, PHP and many more. Not afraid and willing to learn any other as needed.

Activities and interests

I enjoy getting involve in social activities related to my field, like the several hackathons I attended during my time in Canada as well as back in Spain. Other than that, I have always been involved in extreme sports, specially Mountain Biking in which I have been racing since I was 10.

Get to know about my story in my site on top of this document.

Find some of my side projects at Github and Devpost (username: **dmedinag**).