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Education

- **University of Granada** Granada, Spain
BSc Computer Engineering (Average: 6,84/10). September 2011 - June 2016
- **University of Seoul** Seoul, South Korea
BSc Computer Science. Exchange program. September 2015 - June 2016
- **Swiss Federal Institute of Technology in Lausanne** Lausanne, Switzerland
BSc Computer Science. Erasmus program. September 2013 - June 2014

Working Experience

- **The Things Industries** Amsterdam, Netherlands
Go Backend Developer June 2017 - May 2018
 - Implemented integrations between our LoRaWAN network server and IoT cloud platforms.
 - A product rewrite was started when I joined the product team. I was in charge of the component which handles security, identity and registry of entities in the network. During this year part of my work consisted in research and define the new API, simplify the authentication compared to the previous version and implement a minimum-viable-product.
- **The Things Industries** Amsterdam, Netherlands
Web Developer Intern October 2016 - March 2017
 - Worked closely with the business development team.
 - Maintained and improved the main website based on Django.
 - Implemented and launched an IoT marketplace. Done in Django and VueJS.
 - Implemented and delivered a proof-of-concept of a LoRaWAN powered smart parking solution for the Port of Amsterdam. Done in Go, InfluxDB and VueJS.
- **Apify** Prague, Czech Republic
Part-time Web Developer Intern July 2016 - August 2016
 - Wrote and maintained crawlers for customers.
 - Implemented and launched a proof-of-concept application that crawls email addresses across websites. Done in MeteorJS.
- **3D Hubs** Amsterdam, Netherlands
Python Developer Intern July 2014 - August 2014
 - Refactor a part of the application that executes background tasks with 3D files into a scalable microservice. Done in Python using RabbitMQ for queues. This project was self-proposed to the CTO at the time.

Programming Languages and Technologies:

Languages: Go, Python, JavaScript, SQL, HTML5

Libraries and Frameworks: Django, VueJS, Protocol Buffers

Tools: Git, Docker, Redis, RabbitMQ, PostgreSQL