

Guillermo Rodríguez

SOFTWARE ENGINEER

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Experience

Volta Networks

JUNIOR SOFTWARE ENGINEER

Barcelona, Spain

Oct. 2018 - PRESENT

- Engineered and maintained major features of Volta's customer-facing API using Python.
- Developed the backend improvements necessary to serve requests concurrently.
- Contributed to the containerization of all the software components.

GAM Rentals

INTERN

Spain

Jan. 2018 - Mar. 2018

- Developed an internal Ruby on Rails web application that their drones division used to manage and keep track of their drones, pilots and projects.

Education

Universidad de Oviedo

B.SC. IN SOFTWARE ENGINEERING

Oviedo, Spain

2014 - 2018

- Bilingual program: English and Spanish.
- Bachelor Final Project: "Implementation of the Raft consensus algorithm with the .NET Core platform".

Eindhoven University of Technology

EXCHANGE SEMESTER

Eindhoven, Netherlands

Fall 2016

Skills

Technologies Python, Java, C#, JavaScript, Ruby, Ruby on Rails, SQL, Docker, Git, Bash
Languages Spanish (native), English (C1), French (A1), German (A1)

Projects

RaftCore

C#, .NET CORE, ASP.NET, D3.JS

github.com/guille/raftcore

- Implementation of the Raft consensus algorithm for the .NET Core platform.
- Development product of the Bachelor Final Project.
- I also developed a visualisation of the algorithm using ASP.NET and D3.js.

download_tv

RUBY

github.com/guille/download_tv

- Command line gem that connects to MyEpisodes to retrieve the shows followed by the user and then finds magnet links to download new episodes.
- Published as a Ruby gem. Over 13,000 total downloads.

homepage

TYPESCRIPT, SASS

github.com/guille/homepage

- Simple and customisable homepage displaying lists of user-defined links organised by categories.

Twitter-rumor-detector

JAVA, PYTHON, SCIKIT-LEARN, NLTK

github.com/franloza/Twitter-rumor-detector

- Group project for the course "Web Information Retrieval & Data Mining".
- It uses information retrieval, machine learning and NLP techniques to obtain Twitter messages about a certain topic and predict their veracity..