

Guillermo Rodríguez

SOFTWARE ENGINEER

🏠 guille.github.io | 📧 guille | 📺 guille-rodriguez

Experience

Sage

Barcelona, Spain

SOFTWARE ENGINEER

Apr. 2021 - PRESENT

- Delivered scalable solutions, meeting tight deadlines and collaborating across departments.
- Resolved performance bottlenecks in high-impact services, ensuring system stability and improved operational efficiency.
- Improved system performance by addressing database inefficiencies and reducing response times.
- Mitigated operational risks quickly, preventing incidents and maintaining service reliability.

Volta Networks

Barcelona, Spain

JUNIOR SOFTWARE ENGINEER

Oct. 2018 - Apr. 2021

- 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

Oviedo, Spain

INTERN

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.

Skills

Technologies Python, Ruby, Java, C#, JavaScript, AWS, SQL, Docker, Git, Bash

Languages Spanish (native), English (C1 - Cambridge English Advanced)

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 55,000 total downloads.

homepage

TYPESCRIPT, SASS

github.com/guille/homepage

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

Education

Universidad de Oviedo

Oviedo, Spain

B.SC. IN SOFTWARE ENGINEERING

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

Eindhoven, Netherlands

EXCHANGE SEMESTER

Fall 2016