

Alberto Zugazagoitia

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EDUCATION

Polytechnic University of Madrid

BA in Software Engineering, Average grade: 7.1/10

Madrid, ES

Expected Graduation: June 2022

EXPERIENCE

Dyze Brand

Web Administrator

Vigo, ES

Aug 2017 – May 2021

- Deployed, configured and maintained a Wordpress e-commerce website on a LEMP stack for a clothing brand.
- Hosted mail servers. Configured DNS and a CDN through Cloudflare.

PROJECTS

Knag (Final Degree Project)

Feb 2022 –

- Architected and implemented an open source Algorithmic Trading SaaS platform.
- Used a cloud-native approach involving REST microservices on the Kubernetes platform.
- Deployed both on a local cluster and Google Kubernetes Engine.

Science Club

Sep 2015 – Aug 2018

- Co-founded a research and development group for students within the Santiago Apóstol School.
- During my time in the club we became 40 active members and carried several big projects.
 - Carried out a micro-biological research project
 - Won the Marine Instruments Solar Regatta 3 consecutive years by building a solar powered remote-controlled ship.
 - Developed and taught a 3D printing course for classroom applications to both teachers and students

VOLUNTEER EXPERIENCE

Bokatas

Volunteer

Madrid, ES

Sep 2021 –

- Currently volunteering in Bokatas Peñalber, where we visit homeless people while providing them with a hot dinner. Our main goal is to humanize them and eventually get them out of the streets.

InterRed

Math Teacher

Madrid, ES

Sep 2018 – Jun 2019

- Collaborated as a volunteer getting disadvantaged children up to speed with their math classes, at the Luz Casanova School for InterRed.

ADDITIONAL

- Relevant Coursework: Data Structures and Algorithms, Computer Systems, Distributed Systems, Databases, Computer Security, Service Oriented Architectures.
- Knowledge of POSIX/Linux systems, both from a development and administration standpoint.
- Experience with Kubernetes distributed architectures in both Provider and Self-Managed clusters.
- Limited front-end development skills.
- Proficient Programming Languages: C, BASH and Java. Also proficient in SQL and relational DBs.
- Native in Spanish and Galician, professionally fluent in English, conversational in Portuguese.