Alberto Zugazagoitia

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EXPERIENCE

eu-LISA - European Union   **Strasbourg, FR**
Artificial Intelligence Intern   *November 2023 –*
Intern in the Architecture Sector. My duties as an intern are:
- Conduct research and stay up-to-date with the latest advancements and trends in AI, documenting findings and results;
- Collaborate with cross-functional teams to understand business requirements and provide AI-driven solutions;
- Contributed to the implementation of the DevOps pipeline while conducting code inspections and analyses. Proactively recommend and implement refactoring to enhance build quality and efficiency, playing a pivotal role in the ongoing process of the e-Codex handover.

EDUCATION

National University of Distance Education (UNED)   **Remote**
BA in Philosophy   *Sep 2023 –*

Polytechnic University of Madrid   **Madrid, ES**
BA in Software Engineering , Average grade: 7.1/10   *Sep 2018 – Jul 2023*
Thesis: *Knag: A cloud native algorithmic trading platform* (Graded at 10/10)

PROJECTS

Javalin   *Jul 2022 –*
- My involvement includes developing and maintaining a TLS/HTTPS plugin for the library, contributing to the main project and website and community moderation and support.

Knag (Final Degree Project)   *Feb 2023 – Jul 2023*
- Designed an open-source Algorithmic Trading SaaS platform using a cloud-native approach involving REST microservices on the Kubernetes platform.

Science Club   *Sep 2015 – Aug 2018*
- Co-founded a research and development group for students at Santiago Apóstol School.
- During my time in the club we became 40 active members and carried out several big projects such as winning the Marine Instruments' Solar Regatta for three consecutive years by building a solar-powered RC model ship. I also developed and taught a 3D printing course for classroom applications to both teachers and students.

VOLUNTEER EXPERIENCE

Bokatas   **Madrid, ES**
Volunteer   *Sep 2021 – Jun 2022*
- 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.

InteRed   **Madrid, ES**
Math Teacher   *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, Algorithms and Complexity, Computer Systems, Distributed Systems, Databases, Information Security, Service Oriented Architectures.
- Knowledge of POSIX/ Linux systems, both from a development and administration standpoint.
- Experience using Ansible , Vagrant and other IaC tools alongside Docker containers.
- Experience with Kubernetes distributed architectures in both PaaS and Self-Managed clusters.
- Experience building DevOps pipelines on top of GIT repositories, using GitHub Actions and Travis CI.
- Practical Knowledge of Software Development Methodologies such as Agile, Waterfall and SCRUM.
- Proficient Programming Languages: Kotlin, BASH and Java. Also proficient in MySQL and relational DBs.
- Native in Spanish and Galician, professionally fluent in English.