Vasco Faria

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EXPERIENCE

Research and Developmentat University   2021-Present

During my university period so far, I had the opportunity to carry out some projects such as:

- **Syncal: Synchronized Calendar** (ReactJS). Project more focused on the front-end where I had the opportunity to learn about requirements analysis, Cognitive Walkthrough, etc;
- **Library Management System** (ReactJS, SpringBoot, SQL, Docker). Complete project from Frontend to Backend implementation and Database integration.
- **AI Digdug Agent** (Python). Application of artificial intelligence techniques.
- **Moonshot** (GCP, K8, Ansible). Deployment and monitoring of a cloud-native application ensuring scalability, reliability, and observability.
- **PeTicket** (Springboot, Selenium, SonarQube). Project focused on software testing and quality.
- **Machine Learning for Alzheimer's Prediction** (Python, PyRadiomics, Kaggle): Design and optimization of Machine Learning models.
- **University Project / WisH (Where is Home) platform** (ReactJS, Leaflet, PostgresSQL, QGIS, Geoserver). Final degree project where he had the opportunity to develop work with spatial data and visualization of it on the frontend.
- **Parallel Computing Optimization (OpenMP, CUDA, MPI):** Optimization of computationally intensive code, improving performance and scalability for high-performance computing tasks.
- **Data Warehousing Project** (Apache NiFi, Python, SQL). Developed a data integration and transformation pipeline with efficient loading into a Data Warehouse. Performed exploratory data analysis and data preprocessing to support decision-making.

All projects available on my [GitHub](#) profile.

Summer Job as cashier   Jun 2023- Sept 2023

- Exhibited active listening skills when resolving customer concerns and complaints, empathetically acknowledging their issues and offering appropriate solutions.

EDUCATION

Escola Pintor Jose de Brito   Sep 2017 – Jun 2021

Universidade de Aveiro - Degree in Computer Engineering   Sep 2021 – Jun 2024

Universidade do Minho – Master Degree in Computer Engineering   Sep 2024- Present

SKILLS

- Languages: Portuguese (native), English (fluent), Spanish (intermediate), French (Beginner)
- Programming: JavaScript, ReactJS, CSS, NodeJS, Java, SpringBoot, SQL, Python, Django
- Software: Excel, Git, Docker, GCP
- Skills: Proactivity, Teamwork, Empathy