

VASCO RAMOS

Computer Science Student

✉ vascoalramos@gmail.com ☎ (+351) 965 380 346 📍 Viseu, PORTUGAL
🌐 vascoalramos

🌐 vascoalramos.me 🌐 vascoalramos

EDUCATION

Computer Science (M. Sc.)

University of Minho

Current Grade: 18 / 20

📅 Sept 2020 – Ongoing

📍 Braga

Computer Science (B. Eng.)

University of Aveiro

Grade: 18 / 20

📅 Sept 2017 – July 2020

📍 Aveiro

EXPERIENCE

Graduate Researcher

ALGORITMI Center

📅 Jan 2022 – Ongoing

📍 Braga

- Researched concepts and technologies related to geofences and smart cities.
- Technologies: **Express.js**, **MongoDB**, **Firebase**, **GCP**

Bioinformatics Undergraduate Researcher 🔗

IEETA

📅 Apr 2020 – Sept 2020

📍 Aveiro

- Revitalized a product focused on simplifying the processes of ETL and data integration.
- Technologies: **Java**, **Play Framework**, **Docker**, **HTML**, **CSS**, **JavaScript**

Vice Chairman

AETTUA

📅 Nov 2019 – Nov 2020

📍 Aveiro

- Coordinated a sales and external relations team of 5 students, increasing the 2019 Tech Event revenue by 30%.
- Coordinated a IT (management and development) team of 7 students.

Software Engineering Intern

Officelan

📅 Jun 2019 – Aug 2019

📍 Viseu

- Developed a web app to help the Technical Support Team deliver better support to their network customers.
- Technologies: **Python**, **Django**, **MySQL**, **HTML**, **jQuery**

LANGUAGES

Portuguese



English



Spanish



TECHNICAL SKILLS

Python

JavaScript

Java

Node.js

Docker

Ansible

Kubernetes

Google Cloud Platform

Shell

CI/CD & Jenkins

TICK Stack

ELK Stack

Git

MySQL

PostgreSQL

MongoDB

Redis

PROJECTS

Intelligent Cloud Resource Manager

Accenture & University of Minho

📅 Nov 2021 – Feb 2022

- Developed a web system to collect monitoring metrics, predict future usage and recommend infrastructure actions to address future infrastructure needs or constraints.
- Technologies: **GCP**, **Python**, **Express.js**, **MySQL**, **Google BigQuery**, **React.js**, **ARIMA**

Kubernetes Storage Benchmarking 🔗

University of Minho

📅 Apr 2021 – Jul 2021

- Automated a Kubernetes cluster setup on on-premise servers.
- Deployed multiple I/O-heavy applications on the Kubernetes cluster.
- Benchmarked the deployed applications to test the performance of different storage backends.
- Technologies: **Kubernetes**, **Docker**, **Helm**, **Kuberspray**, **NFS**, **Ceph**, **Python**, **Locust.io**, **Collectl**

Misago - Deployment & Benchmarking 🔗

University of Minho

📅 Nov 2020 – Jan 2021

- Automated the deployment of a web-based multi-layer application following methodologies such as container orchestration, monitoring and benchmarking.
- Technologies: **Ansible**, **Docker Swarm**, **Docker**, **ELK Stack**, **NGINX**, **HAProxy**, **JMeter**

MOST PROUD OF



1st Place @ ThinkTwice Hackathon
University of Aveiro | Mar 2019



Mentor in the Tutoring Program @ UA
Helped integrate and advise 20 new students
| 2018 – 2020