João Silva

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○ github.com/JoaoRamoss

🎓 Education

Master's degree in informatics Engineering, *Universidade do Minho*   2022 – present
Braga, Portugal

Bachelor's degree in Informatics Engineering, *Universidade do Minho*   2019 – 2022
Braga, Portugal

</> Technical skills

Languages:
C, Java, Python, Javascript

Developer tools:
VSCode, git, IntelliJ

🗀 Projects

RasBet, *Python, Flask, React, SQLite*   2023
- Teamed with 3 classmates to create a sports betting website.
- The user is able to deposit/withdraw money and place bets on available games.
- Specified functional and non functional requirements on a written document.
- Used SQLite to store information about users and available games.

Automatization of Ghost app deployment, *Ansible, Google Cloud, Kubernetes*   2023
- Used Ansible, GCP, and Kubernetes to handle the installation, configuration and monitoring of the Ghost application.
- Configured an email service using Mailgun.
- Automatized the creation of the necessary database for the app to run.

YELP reviews management system, *C, Java*   2021
- Created a system that was able to store and manipulate information about YELP reviews provided in a CSV file (often exceeding 1,000,000 records).
- CSV files with information regarding YELP reviews were provided by our Professors.
- The management system would store the content of the CSV files and allow the user to perform queries.
- Two versions were made of this system. The first version was developed in C, and the second version was developed in Java.

⇶ Volunteering

Coder Dojo Mentor   2021 – 2023
Braga, Portugal
- Volunteering program focused on teaching programming to young students.
- Taught Python to young students by following a plan provided by CoderDojo.

UMinho Ambassador   2021
Braga, Portugal
- Gave a Campus tour to a group of new students and answered all of their questions.

🌐 Languages

Portuguese (Native)   **English** (Full working proficiency)