Rui Pina

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EDUCATION

Instituto Superior de Engenharia do Porto	**Porto, Portugal**
Bachelor in Informatics Engineering	Expected 2023

- **GRADE:** 15.6 / 20.0
- **Relevant Coursework:** Networking / Computer Systems / Data Structures

PROJECTS

SPOMS	**Porto, Portugal**
Java	C	Feb 2022 – Jul 2022

- Worked with a team of 4 developers to implement a solution for a Industry 4.0 management software (selling of products and warehouse management).
- Applied Tuckman's stages of group development.
- Implemented a CLI interface for clients to View/Add to Cart/Buy products.
- Developed an Automated Guided Vehicle digital twin using C to prepare client's orders by getting the items in the warehouse.

CARGO MASTER	**Porto, Portugal**
Java	C	Oct 2021 – Jan 2022

- Developed CLI based application performing route and container positioning optimization on ships.
- Used Data Structures to apply routing heuristics on a global fleet.
- Researched, analyzed and developed a solution for container positioning based on each ships' characteristics and centre of mass.
- Established containers' isolation materials in order to cope with extreme heat variations along the multi continental routes.

MANY LABS	**Porto, Portugal**
Java	JavaFX	Feb 2021 – Jul 2021

- Implemented a Clinical Analysis management system capable of supporting blood and COVID-19 Tests.
- Created the solution around the methodical process of the company. From the sample collection to sending test results to the clients.
- Analyzed test data using Hypothesis Tests and Simple and Multi-linear Regression to get feedback on the company's efficiency.
- Sent the COVID-19 data from all labs in the network to the National Health System.

SKILLS, ACTIVITIES & INTERESTS

Languages: Fluent in Portuguese and English; Basic knowledge in French
Technical Skills: Java, C, JavaScript, React
Certifications & Training: Cambridge English Scale Score 200 [C2]
Activities: Trombone player at orchestra of Academia de Música de Vale de Cambra
Interests: Driving, Traveling Abroad