Pedro Alexandre Parreira Primor

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About me

Computer engineering student with a recently acquired interest in financial technology. Currently enrolled at NOVA SST in Lisbon for the final year of my master's degree. Experience in front-end web development, mobile game development but open to expand my professional expertise to other fields of computer science. Focused on a computer engineering project on the optimization of the logistical challenges of the last-mile delivery step in the postal sector, in collaboration with CTT – Correios de Portugal, S.A..

Education

NOVA School of Science and Technology   Sep. 2017 – Present
Integrated Master in Computer Engineering   *Lisbon, Portugal*

Technische Universität Dresden   Apr. 2021 – Oct. 2021
Erasmus+ Programme Exchange Period   *Dresden, Germany*

Experience

Front-end Developer and QA Assistant   Jul. 2019 – Aug. 2019
Automatication MJM   *Lisbon, Portugal*

- Developed React components to display the result of some unit tests on a web page;
- Experimented with AWS Amplify's authentication mechanism;
- Learned to develop unit tests for JavaScript environments using JEST.

Front-end Developer Intern   Apr. 2020 – Jul. 2020
Altitude Software   *Lisbon, Portugal*

- Developed React components to replace existing ASP.NET components in a contact centers management platform;
- Integrated the components with the application's back-end using C# and ASP.NET.

Projects

Optimization Problems in the Postal Sector | *Python, CPLEX*   Jan. 2022 – Present

- Operations research and data analytics project;
- Has the main goal of optimizing the last-mile delivery step of the postal distribution process;

My Spelling Game | *Unity, C#, SQLite*   Jul. 2018 – Nov. 2018

- Developed a 2D mobile game for Android/iOS along with a graphic designer.

Events

Unity Workshop - JORTEC Informática 2019 | *Unity, C#*   Feb. 2019
Android Training Program | *Android Studio, Java, Kotlin*   Nov. 2019
EUROPT Summer School 2022 | *Mathematical optimization, Game theory*   Aug. 2022

Languages

Proficient: Portuguese, English

Technical Skills

Languages: Java, Python, C#, SQL, Cypher, HTML/CSS, JavaScript, TypeScript, Kotlin, Go, Rust
Frameworks: React, Redux, Flutter
Developer tools: Git, webpack, npm, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Android Studio, Unity
Libraries: Material-UI, pandas, NumPy, Matplotlib, scikit-learn, OpenCV
Sofware packages: Tableau, CPLEX