

Pedro Alexandre Parreira Primor

📍 Azeitão, Portugal

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ABOUT ME

Computer engineering student with a passion for solving data analytics problems by applying machine learning and data mining techniques. Currently enrolled at NOVA SST in Lisbon for the final year of my master's degree. Experience in front-end web development and 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 last-mile delivery step in the postal sector, in collaboration with CTT – Correios de Portugal, S.A..

EDUCATION

NOVA School of Science and Technology

Integrated Master in Computer Engineering

Technische Universität Dresden

Erasmus+ Programme Exchange Period

Sep. 2017 – Present

Lisbon, Portugal

Apr. 2021 – Oct. 2021

Dresden, Germany

WORK EXPERIENCE

Front-end Developer and QA Assistant

Automation

Jul. 2019 – Aug. 2019

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

Altitude Software

Apr. 2020 – Jul. 2020

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;
- Had the main goal of optimizing the last-mile delivery step of the postal distribution process;
- Explored how to model and solve a vehicle routing problem adapted to the postal sector, in general, and the company (CTT), in particular;
- Provided meaningful insight and visualizations about routing solutions with Tableau.

My Spelling Game | *Unity, C#, SQLite*

Jul. 2018 – Nov. 2018

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

VOLUNTEERING

Kekri celebrations in North Karelia

Hyvärilä – Youth and Holiday Centre

Oct. 2022

Nurmes, Finland

- Met with local community members and organized various activities;

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

Native: Portuguese

Proficient: 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

Software packages: Tableau, CPLEX