

PEDRO RODRIGUES

► EDUCATION

2020 - 2024

DEGREE - COMPUTER ENGINEERING

Instituto Politécnico de Bragança

- UC Student Fundamentals of AWS Cloud Computing

2017 - 2020

SCIENCE AND TECHNOLOGY COURSE

Escola Luciano Cordeiro, Mirandela

► EXPERIENCE

September 2023 - September 2024

MOBILE DEVELOPMENT TRAINEE

Techwelf, Lda. - Bragança

- Internship as a replacement for the usual final course project
- Development of a mobile application for "Integrated Solution for Managing Goods In and Out of Warehouse", developed in React Native, Firebase and integration with Moloni API

► PROJECTS

CookingApp

CookingApp is a dynamic application designed to simplify the often overwhelming task of deciding what to cook. Users can effortlessly save their daily recipes, including photos, ingredients, and preparation methods. With a unique feature that allows users to randomly generate a recipe, CookingApp transforms meal planning into a fun and stress-free experience, making it easier to explore new dishes and enjoy cooking every day.

Technologies Used: *React Native, Firebase(Authentication, Firestore, Storage), Expo*

Streaming App(UWP)

StreamingApp is a Universal Windows Platform (UWP) application designed for users to watch movies and series. We implemented a quiz-like set of questions for users who aren't sure what to watch when it comes to movies or series, which serves as a highlight feature of the app.

Technologies Used: *SQLite, RESTful API with MySQL/SQL Server, C#(.NET Framework)*



With a degree in Computer Engineering, I consider that my career has essentially been marked by an attempt to expand my knowledge in the area of computer science, not just limiting myself to what is part of the syllabus.

I consider myself to be a determined person, capable of dealing with and learning from mistakes, and always willing and motivated to acquire new skills and knowledge.

SKILLS

Operating systems

Windows, Linux(Debian, Ubuntu, Kali Linux)

Programming Languages

Javascript, TypeScript, HTML, CSS, C#, Python


Libraries & Frameworks


React js, React Native, Tailwind, .NET


Tools & Platforms

Git, GitHub, Firebase, Figma, Docker

CONTACTS

 Bragança, Mirandela

 962200271

 pedromgrodrigues0@gmail.com

 [LinkedIn](#)

 [GitHub](#)

 [Website](#)

LANGUAGE SKILLS

Portuguese - Native

English - C1

INTERESTS

Exercise, Tech, Photography

HotelReserveAI

Developed a machine learning model using Support Vector Machine (SVM) to predict hotel reservation cancellations based on historical booking data. The dataset was preprocessed using Pandas to handle categorical variables and Scikit-learn for data scaling and splitting. Data visualization tools such as Seaborn and Matplotlib were employed to explore correlations and insights within the dataset.

Hyperparameter tuning was conducted using GridSearchCV to optimize the model's performance. The final model was applied to an unlabeled dataset to classify future reservation cancellations, and the results were saved in a CSV file for further analysis.

Technologies Used: *Pandas, SVM, Seaborn, Matplotlib, Scikit-learn(StandardScaler, train_test_split, GridSearchCV)*

► CERTIFICATES

March 2023

PROGRAMMING WITH JAVASCRIPT

Online course authorized by Meta and taught through Coursera

April 2024

NLW UNITE - DEVOPS

Successful completion of Rocketseat's NLW Unite - DevOps course

April 2024

NLW UNITE - REACT NATIVE

Successful completion of Rocketseat's NLW Unite - React Native course

August 2024

CCNAV7: SWITCHING, ROUTING, AND WIRELESS ESSENTIALS

Successfully completed the course through the Cisco Networking Academy program.