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Bruno Pinto

Junior Developer

Portfolio: pintobrunom.pt
github.com/sudoMakeIT
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Computer science graduate focusing on machine learning and big data projects, seeking to expand my knowledge of the big data industry and apply the knowledge gained in my educational program.

SKILLS

Tools and Languages	Python JavaScript (NodeJs, ReactNative) SQL/NoSQL MongoDB PostgreSQL Java Docker
Communication	English, Portuguese (Native)

TECHNICAL EXPERIENCE

Researcher <i>INESC TEC</i>	Oct 2020 — Sept 2021 <i>Porto, Portugal</i>
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- Researched methods to find walking patterns and their predictive capacity in the onset of claudication detection in the NORTE2020 WalkingPAD project;
- Supervised the data collection procedure with the study participants;
- Built a pipeline to process the data;
- Investigated different machine learning models for detecting the onset of claudication.

Intern <i>Ano Software</i>	Mar 2019 — Aug 2019 <i>Porto, Portugal</i>
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- Remodeled a web application to support customer service, using **JavaServer Faces**, **Primefaces**, **Hibernate**, and **JasperReports**;
- Developed the service and statistics dashboard;
- Built a manager for the queues and customer service centers;
- Integrated other company software for executing activities during the customer service, e.g., process creation.

Intern <i>Bombeiros Voluntários de Felgueiras</i>	Summer 2017 <i>Felgueiras, Porto</i>
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- Built a web application with **PHP** and **SQL** during my summer internship for storing and exporting information about all activities carried out by the institution to facilitate the construction of the annual report.

ACTIVITIES

SonOFF APP

- Freelance project for flashing sonoff devices with new firmware, managing the communication via the **MQTT** protocol, and connecting devices using a **React Native** mobile app.

CryptoMonitor

- An **ETL pipeline** to extract, transform and load information about the top 100 crypto projects and interact with the data on the Metabase dashboard.

Heart Rate Measurement

- An **Python** script, built to measure heart rate through the webcam, using libraries for facial recognition and image processing.

WebApp

- Web application, developed with **NodeJS**, **Express**, and **MongoDB**, with routes that allow customization of the website content.

EDUCATION

Integrated Master's in Network and Information Systems Engineering
Faculty of Sciences of the University of Porto

Sept 2016 — Nov 2021