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# Bruno Pinto

## Junior Developer

Portfolio: [pintobrunom.pt](https://pintobrunom.pt)  
[github.com/sudoMakeIT](https://github.com/sudoMakeIT)  
[linkedin.com/in/pintobrunom](https://linkedin.com/in/pintobrunom)

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

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

### TECHNICAL EXPERIENCE

<b>Researcher</b> <i>INESC TEC</i>	<b>Oct 2020 — Sept 2021</b> <i>Porto, Portugal</i>
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- Researched methods to find walking patterns and their predictive capacity for 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.

<b>Intern</b> <i>Ano Software</i>	<b>Mar 2019 — Aug 2019</b> <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.

<b>Intern</b> <i>Bombeiros Voluntários de Felgueiras</i>	<b>Summer 2017</b> <i>Felgueiras, Porto</i>
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- Built a web application with **PHP** and **SQL** 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

- A **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

<b>Integrated Master's in Network and Information Systems Engineering</b> <i>Faculty of Sciences of the University of Porto</i>	<b>Sept 2016 — Nov 2021</b>
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