

João Conde

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EDUCATION

Faculty of Engineering of the University of Porto

MSc in Informatics and Computing Engineering (16/20)

Porto, Portugal

Sep. 2015 – July 2020

EXPERIENCE

Software Engineer

Platforme

Sep. 2020 – Present

Porto, Portugal

- Split up services into smaller ones communicating via RabbitMQ enabling horizontal scalability
- Developed an open-source PNG blending Rust crate with a public API available in Rust, WASM and Python
- **Technologies:** Rust, C, Python, JavaScript

Systems Research Engineer

Feedzai

Feb. 2020 – July 2020

Porto, Portugal

- Worked on my Master's Thesis entitled *Lightweight Real-time Feature Monitoring (19/20)*
- Researched and developed a lightweight method for analysis of numerical features in streaming environments and concept drift detection
- **Technologies:** Hadoop, Spark (both Java and Python APIs)

Research Engineer

Feedzai

July 2019 – Sep. 2019

Porto, Portugal

- Researched state-of-the-art open source technologies to build static websites and scrape web interfaces
- Developed a documentation tool to aggregate both high and low level documentation in one searchable interface
- **Technologies:** Ruby, ReactJS

TECHNICAL SKILLS

Languages: Rust, C++, Java, TypeScript, Python, JavaScript, C, Prolog, Elixir, PHP

Web Frameworks: ReactJS, Laravel, Phoenix, Django, Flask

Database Technologies: PostgreSQL, SQLite, MongoDB

Other Technologies: Git, Spark, Unity, Godot, RabbitMQ

AWARDS

- *Google Hash Code* 2019, 9th national place
- *IEEEExtreme* 2018, 5th national place

EXTRACURRICULAR ACTIVITY

ACM FEUP Student Chapter | *Founding member of the FEUP chapter*

Mar. 2020 – July 2020

- Organized multiple biweekly talks that brought together software industry professionals, professors, academic researchers and students to discuss on varying subjects (such as the pursuit of higher education)

IEEE UP Student Branch | *Computer Society Member*

Feb. 2018 – July 2020

- Organized and lectured multiple programming languages workshops
- Competed in IEEEExtreme 2018

Summer University | *Teaching Assistant*

July 2019

- Taught programming fundamentals to juniors
- Taught the juniors how to build a *Brick Breaker* clone using the Scratch programming language

FEUP's competitive programming team | *Team member*

Oct. 2018 – July 2020

- Deepened my knowledge of algorithms and data structures
- Competed in the Portuguese Inter-University Programming Marathon (MIUP) 2018