Francisco **Gonçalves**

Software Engineering Student @ FEUP · Porto, Portugal

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Education

Faculty of Engineering of the University of Porto (FEUP) ↗ · *Sep 2018 - Jul 2023 (expected)*

Bachelor ↗ and Master ↗ in Informatics and Computing Engineering · *Porto, Portugal*
- Completed **bachelor degree** with cumulative GPA **15**/20
- **Relevant coursework** Web App Development, Algorithms and Data Structures, Databases, Artificial Intelligence
- Currently enrolled in year 2 (out of 2) in the **Masters degree** with cumulative GPA of **17.5**/20
- **Relevant coursework** Full Stack Development, IOT for factory management, P2P Timeline, Semantic Web App Development

Professional & Other Experiences

Intern · *Feb 2023 - Jul 2023*

Critical Manufacturing ↗ in · *Maia, Porto, Portugal*
- Interned at Critical Manufacturing as a part of product development team.
- Work focused on collecting web analytics and metrics on MES and aiming to improve user experience.

Erasmus Student · *Aug 2022 - Dec 2022*

Aalto University School of Science ↗ in · *Espoo, Finland*
- Studied computer science abroad at Aalto University, in Espoo, Finland as an exchange student part of the Erasmus program

Active Member · *Nov 2020 - Present*

NIAEFEUP - Informatics Engineering Student Branch @ FEUP ↗ in · *Porto, Portugal*
- Actively contributed to projects (**e.g. TTS**) and co-organized a variety of events (**e.g. SINF**)

Participant · *Jul 2014 - Present*

Other Experiences
- Interrail across Europe (24 days), 5 *Camiños de Santiago*, volunteering focused on visiting and helping elderly people

Projects

TTS - Time Table Selector ⌂ ↗ · *Apr 2022 - Aug 2022*

React, TypeScript, TailwindCSS, Docker · *Team of 3 active developers*
- Developed platform for University of Porto students to build their schedules.

Internet of Everything "Eveything is connected. Not just the devices." ⌂ ↗ · *Oct 2021 - Jan 2022*

Docker, Javascript, Java, Python, React, TailwindCSS · *Team of 20 people*
- Collaboratively developed a **factory management and maintenance platform**
- Responsible for the web interface of the platform that allows to monitor and simulate factory behavior
- Adopted the LeSS (Large-Scale Scrum) Agile framework, to iteratively progress towards a meaningful MVP

Virtual Assistant for Critical Manufacturing's Manufacturing Execution System ⌂ ↗ · *Feb 2022 - Jul 2022*

Typescript, Angular12, Python, SpaCy, Docker · *Team of 8 people*
- Developed a virtual assistant to facilitate navigation and interaction with Critical Manufacturing's Execution System
- Created a 'small startup' and branding around the adopted project: **Robin** ↗

Semantic Web Health Information Platform ⌂ ↗ · *Nov 2021 - Jan 2022*

NodeJS, Express, React, TailwindCSS, SPARQL · *Team of 3 people*
- Developed a **health information platform** using DBPedia and Bioportal datasets, providing accurate and approved details about diseases.

TechCouncil - Collaborative Q&A Hub for all Tech Related issues ⌂ ↗ · *Feb 2021 - Jun 2021*

PHP, Laravel, Javascript, HTML, Bootstrap5, CSS, PostgreSQL, Docker · *Team of 4 people*
- Developed a web app/platform (using Agile methodology) where users can post questions and share answers for everything tech-related.
- Performed tasks regarding planning, specifications, webpage mockups, database design and frontend and backend development.

OpenCX - Mobile App for Conferences ⌂ ↗ · *Oct 2019 - Jan 2020*

Flutter, Dart, SQLite, Gherkin, Bluetooth · *Team of 4 people*
- Contributed to an open source project by developing a mobile app for campus navigation, that allows the user to conveniently navigate and locate points of interest within the campus of the conference.

Skills

Technical
Git 4 years • **HTML, CSS, JS/TS** 3 years • **NodeJS, ReactJS, NextJS** 2 years • **TypeScript** 2 years • **TailwindCSS** 2 years • **PHP/Laravel, SQL** 2 years • **Python** 3 years • **Java, C/C++** 2 years • **GraphQL** 1 year • **Docker** 1 year • **Angular** 0.5 years • **Flutter/Dart** 0.5 year • **REST API, OOP, Agile/Scrum, Linux, MacOS,**

Languages
Portuguese Native • **English** Proficient | CAE C1 Level, 2016 • **Spanish** Decent understanding • **French** Basic understanding