

Cláudio Gonçalves

<https://github.com/cfsgoncalves>

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EDUCATION

- **University of Minho** Guimarães, PT
Integrated Master in Engineering and Management of Information Systems (One pending course) 2014 – 2020

EXPERIENCE

- **IOTech** Vila Nova de Famalicão, PT
Intern - Internet of Things Area Feb 2019 - Oct 2019
 - **Android Development:** Production of *Kotlin android applications* with objective of harvesting data from the embedded phone sensors.
 - **Beacon Exploration:** Exploration of beacons triangulation and distance detection using RSSI values
 - **Machine Learning:** Production of machine learning models using *Python Sklearn* library.
 - **Master Thesis:** Execution of the "Space Optimisation using IoT - Challenges and solutions" thesis. Construction of a prototype with objective of locating a person inside heavy infrastructure. Finished with 19/20.
- **Codavel** Porto, PT
Junior Software Developer May 2020 - July 2021
 - **Devops:** Working with AWS infrastructure using remote machines and cloud containers. Knowledge regarding Route 53, DNS configuration and AWS Lambda functions.
 - **Software Engineering:** In my time in Codavel, were executed multiple projects that needed to run with concurrent users. This projects were developed mainly in C++, Python and Java. Also, were used languages like Golang and Swift for some smaller projects.
 - **Network Debugging:** Most of the time, were executed analysis using graphics regarding the overall network system and infrastructure.
 - **Notable Projects:** Spreadsheet data processing (using a json config and multiple csv files to extract some knowledge using some dynamic filters).
- **Uphold** Braga, PT
Junior Software Engineer July 2021 - At the moment
 - **Software Engineering:** Working on the main product of the company, adding and maintaining functionalities to the wallet, using *NodeJS*, *GraphQL* and *PostgreSQL*. Deploy features to *Kubernetes* to test in production-like environment.
 - **Notable Projects:** Maintaining and expanding the wallet product of the company.

CORE SKILLS

- **Languages:** Python C Java SQL Server Android Bash NoSQL Node.js MongoDB C++
- **Technologies:** Relational Databases Web Services (Rest/SOAP) Maven Arduino Raspberry Pi
Machine Learning Concurrent Systems Git GraphQL AWS EC2 AWS ECS AWS EKS
Containers (Docker and Docker-compose)

LANGUAGES

- **Portuguese:** Native **English:** B2+

INTERESTS

- **3D printing:** Enthusiastic person regarding 3D printing and 3D Modelling in general.
- **Linux Environment:** User of a multiple Linux operative system's and *i3WM* programming environment.