

# DIOGO GOMES DE ARAÚJO

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## EDUCATION

**Master's** **Sep 2025 – Present**  
*Computer Science* *Universidade do Porto (FCUP)*

**Bachelor's** **Sep 2022 – Jul 2025**  
*Computer Science and Engineering* *Universidade da Beira Interior*

## WORK EXPERIENCE

**STAR Junior Enterprise** **May 2024 – Aug 2025**  
*Project Manager and Backend Developer* *Remote*

- **Developed** and **maintained backend API's** for mobile and web applications.
- Assisted in **recruiting** by **screening candidates** and **leading interviews**.
- **Coordinated teams** and **collaborated with clients** to ensure project requirements were met.

**DeGema** **Jun 2023 – Sep 2023**  
*Waiter* *On-site*

- **Served 20+ tables** during peak hours **without compromising order accuracy** and customer satisfaction.
- **Worked collectively** with the team to guarantee service consistency.

## PROJECTS

**Group Wallet for Nano** | Rust, Tokio, Dioxus, Dalek

- Developed an **open-source library** with a custom implementation of FROST, **enabling shared account creation** and **group transactions** on Nano's blockchain.
- Leveraged modern cryptographic protocols to **minimize communication rounds** required for **transaction signing** on Nano's network.
- Created a **desktop application** that uses the custom library to allow groups to perform transactions remotely in an **intuitive and secure graphical environment**.

## CERTIFICATIONS

**2nd Place in IEEE RetroJam 2025** | IEEE UP Student Branch **Oct 2025**

- Built a game in 48 hours, **focusing on essential requirements** and **meeting tight deadlines** to finish the project on time.
- Linked with like-minded individuals, gaining insights into **different technologies and perspectives** used to reach a common goal.

**Participation in Inforum 2025** | Inforum **Sep 2025**

- Presented my Bachelor's Degree final project to an **audience of researchers, professionals, and students**, receiving valuable feedback and constructive criticism.
- Networked with academic and industry professionals, gaining insights into **current research trends** and career opportunities in the field.

**Industrial Robotics Fundamentals** | Universidade da Beira Interior **Jul 2025**

**Volunteering** | Missão País **Feb 2024**

**Participation in RoboCup 2016** | RoboCup Federation **Jun 2016**

**1st Place in the National Robotics Championship** | Instituto Politécnico de Bragança **May 2016**

## TECHNICAL SKILLS

**Languages:** Rust, OCaml, C, Java, SQL, Python

**Developer Tools:** Git, Linux, Docker, Postman, OpenMPI