

DIOGO GOMES DE ARAÚJO

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EDUCATION

Master's <i>Computer Science</i>	Sep 2025 – Present <i>Universidade do Porto (FCUP)</i>
Bachelor's <i>Computer Science and Engineering</i>	Sep 2022 – Jul 2025 <i>Universidade da Beira Interior</i>

WORK EXPERIENCE

STAR Junior Enterprise <i>Project Manager and Backend Developer</i>	May 2024 – Aug 2025 <i>Remote</i>
<ul style="list-style-type: none">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 <i>Waiter</i>	Jun 2023 – Sep 2023 <i>On-site</i>
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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

Programming Languages: Rust, OCaml, C, Java, SQL, Python
Frameworks & Tools: Git, Linux, Docker, Postman, Tokio, POSIX, gRPC, OpenMP/MPI, Dalek, Raylib