



# Gonçalo Roxo

## Associate Software Engineer

Passionate about technology and highly motivated, with a strong collaborative mindset and openness to different perspectives. Enthusiastic and adaptable computer engineer with experience in test automation, generative AI tools, and cross-functional teamwork. Quick to learn and eager to explore new challenges creatively, always seeing them as opportunities to grow and acquire new skills. I thrive in dynamic environments and enjoy solving real-world problems through thoughtful, user-centered solutions.

## WORK EXPERIENCE

### Associate Engineer

*Capgemini Engineering, Lisbon | 2023 - Current*

- Developed Python scripts to automate sanity testing of set-top box (STB) user interfaces and functionality.
- Refactored existing codebase for improved maintainability and scalability.
- Contributed to the creation of internal tools integrating generative AI service APIs.
- Collaborated with cross-functional teams across different countries to define optimal automation strategies.
- **Tools & Technologies:** Python, STB-Tester, ReactJS

## EDUCATION

### NOVA School of Science and Technology

*Master of Science in Computer Science and Engineering | 2023*

- Project: Studying Serious Games for the Therapy of Children with Disabilities following a Co-Design Process
- Research Grant: NOVA LINC'S (March - September 2022)
- Publication: "Dance Mat Fun - A Participatory Design of Exergames for Children with Disabilities", published in Springer's Pervasive Computing Technologies for Healthcare. Presented at the 16th EAI International Conference on Pervasive Health.

### NOVA School of Science and Technology

*Bachelor of Science and Computer Engineering | 2020*

**Final Project:** IGNES - A web and mobile app for wildfire prevention developed collaboratively from scratch using Android Studio, Google App Engine, HTML, JS and CSS.

### Comenius University Bratislava

*Erasmus+ Program | 2018*

## SKILLS

Javascript  
HTML  
CSS  
ReactJS  
Unity  
C#  
JAVA  
Android Studio  
Python

## CERTIFICATES

- Master of Computer Science and Engineering (2023)

## LANGUAGES

Portuguese (Native)  
English (Fluent)

## INTERESTS

Scuba Diving  
3D Printing  
DIY