

## Education

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### MSc. in Computer Science and Engineering

Expected: 2024

Instituto Superior Técnico | Focus: Interaction and Visualization, Engineering and Data Science

### Erasmus exchange programme

2023

Technische Universität Graz

### BSc. in Computer Science and Engineering

2021

Instituto Superior Técnico

## Projects

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### Micro Machines Moonlight | [Portfolio](#)

Car racing game made with **OpenGL**.

### Matchbox | [GitHub](#), [Portfolio](#)

Web app for project matchmaking.

- Used **HTML**, **CSS/Sass**, **JavaScript** and **Bootstrap** to translate our design into a functional webpage.
- Created views and database models using **Django**.

### Roman Ruins of Troia | [Portfolio](#)

3D model of how the thermae would have looked, with animated characters. Made in **Blender**.

### Pool | [Portfolio](#)

Interactive pool table developed using **three.js**.

### Highly Dependable Banking | [GitHub](#)

Banking system with Byzantine Fault Tolerant guarantees. Uses **Java**, **gRPC** and **PostgreSQL**.

## Skills

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### Programming languages

Java, Python, R, SQL, C, JavaScript, HTML, CSS

### Technologies

Git, PostgreSQL, Django, gRPC, OpenGL, three.js, Blender, NetLogo, Node-RED

## Languages

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**English (Advanced)** | Level C1 (Cambridge First Certificate in English)

**German (Beginner)** | Level A1 (CLi-FLUL)

**Portuguese (Native)**