

# Ricardo Subtil

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## Summary

Currently pursuing a Master's Degree in Computer Science. I'm a passionate developer always curious to learn more, with mostly self-taught experience in various areas. My main focuses are on game development/design and graphics engine development, but I also enjoy exploring different areas such as back-end development, VR projects and open-source workflows and contributions.

## Education

### Instituto Superior Técnico (IST)

MSC IN COMPUTER SCIENCE AND ENGINEERING

BSC IN COMPUTER SCIENCE AND ENGINEERING

Lisbon, Portugal

September 2021 - Present

September 2018 - September 2021

## Projects

### Google Summer of Code 2021 [🔗](#)

Participant

IMPLEMENTED A MAJOR FEATURE FOR THE GODOT ENGINE

2021

- Implemented a **DAP** backend for debugging projects using external tools

### Aurora Free Open Source Software [🔗](#)

Team member & Maintainer

AN ORGANIZATION THAT DEVELOPS FOSS PROJECTS, APPS AND TOOLS

2016 - 2019

- Core member of the organization.
- Maintainer and overseer of issues and pull requests.

### Aurora Framework [🔗](#)

Developer

A POWERFUL GENERAL PURPOSE FRAMEWORK

2016 - 2019

- Developed the audio module, responsible for bringing audio capabilities to the engine.
- Contributed to the image and math modules.

### JMonkeyEngine Projects

Founder

PLETHORA OF GAME IDEAS AND PROJECTS USING JMONKEYENGINE

2010 - 2018

- Developed a lot of ideas and prototypes while learning to use jMonkeyEngine.
- Learned many topics on game developments, such as game design, graphics, networking, etc...
- Active in the jMonkeyEngine community.

### Open Source Projects

Contributor

CONTRIBUTIONS TO OPEN SOURCE PROJECTS

2018 - Present

- Godot Engine
- Komorebi
- ALVR
- And many more smaller, miscellaneous contributions to other projects

## Skills

<b>Programming Languages</b>	C, C++, Java, Python, GDScript
<b>Platforms</b>	Portuguese, English
<b>Graphics APIs</b>	Linux
<b>Game Engines</b>	OpenGL
<b>Other</b>	Godot Engine, jMonkeyEngine
	3D Modelling (Blender), Git workflows

## Contests & Prizes

### INTERNATIONAL

2018

2019

2021

**Web Summit**, Received free tickets for open source contributions

Lisbon, Portugal

### NATIONAL

2018

**No Award/Participation Only**, Fire-fighter Robot

Guarda, Portugal

## Certificates

2021

**Google Summer of Code 2021** [🔗](#), certificate of completion

Remote

2013

**Learn to Program: The Fundamentals** [🔗](#), statement of accomplishment of an online programming course

Remote