



# TIAGO PEREIRA

MASTER'S IN COMPUTER SCIENCE

## CONTACTS

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## SKILLS

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- Teamwork
- Critical thinking
- Adaptability
- Fast Learner
- Organized
- Problem Solving
- Time management
- Comprehension

## LANGUAGE

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- Portuguese (Native)
- English (Advanced)

## ABOUT ME

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Tiago João Barbosa Pereira

Recent master's in Computer Science, with a strong interest in the areas of Programming, Data Science, and Machine Learning. I am currently looking to enter the professional world, and apply what I learned in my studies in practical scenarios and expand my knowledge.

## EDUCATION

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### Bachelor's in Computer Engineering

2018 - 2021

ISCTE - Instituto Universitário de Lisboa

**Grade: 15/20**

### Master's in Computer Engineering

2021 - 2025

Faculdade de Ciências da Universidade de Lisboa

**Thesis Project:** "Deep Learning based self-localization in virtual environments"

Development of tools for building virtual 3D environments in Blender, using only Python code, with the objective of generating visual data for application in machine learning problems. Various Convolutional Neural Network models trained on images were created for localization within 3D virtual environments. The models are analyzed and compared, studying the environment's influence on their performance.

## TECHNICAL SKILLS

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### Python

Advanced

### SQL

Intermediate

### C++

Basic

### Java

Advanced

### HTML/CSS

Intermediate

### Prolog

Basic

### Git

Advanced

### JavaScript

Intermediate

### Scala

Basic