

# RICARDO TAVARES LOPES

## M.Sc. in Informatics and Computing Graduate

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## EXPERIENCE

### C#/Unity Developer

#### Sqill

Since October 2024

Coimbra - Remote

- A **social media suite** designed to help both social media managers simplify their workflow and creators editing and fulfilling the managers requests. In charge of **remaking the UI** for a new version of the app and **refactoring codebase** to make it scalable. Set up **analytics** to inform the team of troubles of users using the app and what features are being used.

### C# and Full Stack IT Developer

#### Exaud

October 2021 – September 2024 Porto - Hybrid

- Built a **website** publicizing a QA conference, and worked briefly on an internal full stack project for internal HR use.
- Built an **Unity application** for Kaiser Permanente consisting on a virtual lobby with common areas and mini games for Kaiser's workers and patients to interact with each other in. Was in charge on anything related to **error handling and desync** issues and general software development.
- Two Unity applications designed for TwentyTwenty to provide a diagnostic of a patient's eyesight through the use of HTC Vive Pro Eye's eye tracking capabilities. Worked both as **Product Owner** and as a **Developer**, making architectural decisions and making sure the team is always unlocked and on the same page for the next deliverables.
- Experience with:
  - C#
  - SASS
  - Jekyll
  - React
  - PostgreSQL
  - Nest.js
  - Ruby

### Back-End Software Developer

#### Altice Labs

March 2021 – September 2021 Aveiro - Remote

- In charge of a **migration to a new Quarkus API**, as well as **monitoring service performance** and fixing the most critical ones.
- Experience with:
  - JAVA
  - Kafka
  - Quarkus
  - Apache Storm
  - Play framework

## ABOUT ME

*I'm a teamwork-focused player who loves to brainstorm and tackle an issue as a group to learn from and help the ones around me. Entitled as the "jack of all trades", not afraid to get the hands dirty in whatever is needed at the moment.*

## LANGUAGES

English



Portuguese



## EDUCATION

### M.Sc. in Informatics and Computing Engineering

Faculdade de Engenharia da Universidade do Porto

Sept 2012 – February 2021

Average: 12,78

### Level 3 QRQ - Scientific/Tecnological in Informatic

Colégio Internato dos Carvalhos

Sept 2010 – June 2012

Average: 17.0

## ARTICLE

### Serious Games for Cognitive and Psychosocial Rehabilitation

## Full Stack IT Developer

### IPBrick

- 📅 July 2017 – August 2017
- 📅 July 2018 – August 2018

📍 Vila Nova de Gaia - Presential

- Mainly software development and bug fixing.
- Experience with

- SQL
- XML
- JQuery
- PHP
- XSLT
- Bootstrap
- AJAX
- Javascript

## ACADEMIC PROJECTS

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### Multiplatform Mobile Weather App

#### C# Developer

- A Mobile app developed with Xamarin for Android, iOS and Windows Phone with real-time weather information on Portugal.

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### Supermarket Android Mobile App

#### Java and C# Developer

- A Mobile app for a simulated supermarket, including Client, Server and Terminal applications.

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### Everyone is a Hero

📍 Bright Digital

- Informational Interactive Mobile App destined for people who interact with childrens with cancer.

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### LGP 3D

📍 TalkDesk

- Web platform designed to help IT helpdesks by providing the real-time status of AWS, Heroku, Slack and GitHub services.
- Users may as well add a website url, and check in real-time if said website is online.

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### Project Callaeci

#### C# Developer

- Unity game created for "Computer Games Development" class.