

# RICARDO COUTINHO

Software Developer



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## *Recent Projects*

**SDL-2D** an SDL 2.0 2D game template

**GemsArr!** a pirate twist of Bejeweled

**Aboyne** a playable/self-solving abstract board-game in Unity3D

**Pong4All** a multiplayer (2-4 player) network based Pong in Unity3D with a game tracker server in Java

**Star Battle** a board-game level generator in Prolog

**Pushee Pieces** a playable board-game in Prolog

**Checkers** a playable board-game C++/OpenGL

## *Experience*

Front & Back-end Developer , Visualwork, Porto      2011-2012

Building & adjusting front-ends from design layouts to customer's preference, developing and improving back-end solutions for regular and e-commerce websites.

Invigilator, British Council, Porto      2007-2012

Supervising exams and ensuring an excellent exam environment.

## *Skill Set*

**Operative Systems:** Linux, Windows, OSX

**Languages:** C, C++, C#, Java, Haskell, Python, Prolog, HTML, CSS, PHP, JS, Bash

**Databases:** MySQL, SQLite, PostgreSQL

**Tools:** Git, Xcode, Atom, Sublime, IntelliJ IDEA, Terminal

**Game Engines:** Unity3D

**Design Tools:** Adobe Photoshop, Adobe Premiere, Blender

**Methodologies:** Object-oriented Programming (OOP), Test-driven Development (TDD), Pair Programming, Agile, Scrum

## *Education*

(Bachelor) Mestrado Integrado em Engenharia Informática | 2015

Faculdade de Engenharia da Universidade do Porto, Porto

(2nd year) Licenciatura em Engenharia Informática | 2011

Universidade do Minho, Braga

Cambridge English Advanced (CAE) | 2006

British Council

Curso Tecnológico de Informática | 2005

Colégio de Gaia

First Certificate Exam (FCE) | 2002

British Council

## *Co-Curricular Activities*

Member, IEEE Student Branch, Universidade do Porto | 2015

Participating in meetings, projects and sharing ideas with amazing people.

## *Organizations*

Secretary, Clube de Jodo e Iaido do Minho | 2015

As secretary I am responsible for member and administrative communications as well as event organization.

Secretary, Associação Portuguesa de Jodo | 2015

As secretary I am responsible for member and administrative communications as well as event organization.

## *Languages*

Portuguese | **Native**

English | **Native**

Japanese | **Beginner**