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, PgSQL
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 I 2015

Faculdade de Engenharia da Universidade do Porto, Porto

(2nd year) Licenciatura em Engenharia Informática I 2011

Universidade do Minho, Braga

Cambridge English Advanced (CAE) I 2006

British Council

Curso Tecnológico de Informática I 2005

Colégio de Gaia

First Certificate Exam (FCE) I 2002

British Council

Co-Curricular Activities

Member, IEEE Student Branch, Universidade do Porto I 2015

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

Organizations

Secretary, Clube de Jodo e Iaido do Minho I 2015

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

Secretary, Associação Portuguesa de Jodo I 2015

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

Languages

Portuguese I **Native**

English I **Native**

Japanese I **Beginner**