

João Pedro Matos Teixeira Dias

Curriculum Vitae

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Education

- 2003–2011 **General Schooling - Sciences and Technologies**, *Externato de Vila Meã*, GPA: 17.
- 2011–Present **Master in Informatics and Computing Engineering**, *Faculdade de Engenharia da Universidade do Porto*, Current GPA: 14.

Achievements

- 2007–2008 **Honours Board Third Cycle**, Externato de Vila Meã.
- 2009 **Second Place**, Physics competition - *fis12* (Tenth grade), PmatE (Mathematics Education Project) - Universidade de Aveiro.
- 2011 **First Place**, Math competition - *mat12* (Twelfth grade), PmatE (Mathematics Education Project) - Universidade de Aveiro.
- 2013 **First Place**, Team Design - Local BEST Engineering Competition, Board of European Students of Technology - Porto.
- 2013 **First Place**, Team Design - National BEST Engineering Competition, Board of European Students of Technology - Portugal.
- 2013 **Second Place**, Team Design - European BEST Engineering Competition (European Final), Board of European Students of Technology.

Professional Development

- 2012–2014 **National meeting of informatics students (ENEI)**.
Attendee to 2012, 2013 and 2014 ENEI editions. Cycle of conferences and workshops related to informatics and *soft-skills*.
- 2013 **C# Workshop**, *IEEE Student Branch - Universidade do Porto*.
Introductory workshop to C# development language.
- 2013 **MongoDB Workshop**, *IEEE Student Branch - Universidade do Porto*.
Introductory workshop to MongoDB as a NoSQL/document-oriented database.
- 2014 **M101JS: MongoDB for Node.js Developers**, *MongoDB University*.
MongoDB integration with Node.js
- 2015 **Practical Workshop in Agile Project Management**, *Strongstep - Innovation in software quality*.
Workshop on Agile project management using SCRUM.

2015 **User Experience for the Web**, *Open2Study*.
MOOC on user experience (UX) for the web.

Co-Curricular Activities

2013–2015 **Secretary**, IEEE STUDENT BRANCH, Universidade do Porto.
As secretary I am responsible for ensure that meetings are effectively organised and minuted, do some communication and organize and/or lead various activities.

Organizations

2009–2011 **Member**, GRUPO DE JOVENS LUZ DA VIDA, Travanca, Amarante, Porto.
Founder and active member taking part of large number of activities.

Personal Projects

2009–Present **Photographer**.
As a photographer I do some events covering and nature photo. Until today I just had one exposition in November of 2010.

2013–Present **Windows Phone Application Development**, *Windows Phone Apps+Games Store*.
Using C# and XAML I developed three applications already in the store.

2013–Present **GitHub**, <https://github.com/jpdias>.
Set of projects, some personal and other built-in schoolar courses, *open-source* in different languages.

Skill Set

Operative Systems: Linux, Windows, Android

Programming Languages: C, C++, C#, Java, Prolog, Python

Web Technologies: PHP, HTML5, CSS, JavaScript, jQuery, AJAX, XML

Design Tools: Adobe Photoshop, Adobe Fireworks, Blender

Databases: MySQL, SQLite, MongoDB(Basic)

Other Tools: Enterprise Architect, Office Tools, L^AT_EX

Colaborative Tools: Git, SVN

CMS: Joomla!, WordPress, Drupal

IDE: Visual Studio, IntelliJ IDEA, NetBeans, Eclipse

Methodologies: Object-oriented Programming (OOP), Test-driven Development (TDD), Pair Programming, Software Architecture, UML, Agile, Scrum, W3C Standards, Design Patterns

Languages

Portuguese **Mothertongue**
English **Intermediate**

Conversationally fluent