

# João Pedro Matos Teixeira Dias

## Curriculum Vitae

Porto, Portugal  
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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.

### Work Experience

- 2014 **IT Internship**, CENTRO HOSPITALAR DO TÂMEGA E SOUSA, Penafiel, Porto.  
(July–Sept.) Mainly worked with web applications using PHP, Javascript, HTML5, CSS (Bootstrap) and MySQL. Additionally did a small project using Node.js and MongoDB.

### 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*.
- 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 Creative Suite, Blender  
*Databases:* MySQL, SQLite, MongoDB(NoSQL)  
*Other Tools:* Enterprise Architect, Office Tools,  $\text{\LaTeX}$   
*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, Design Patterns

## Languages

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

*Conversationally fluent.*