João Fernandes

Junior Software Engineer

Education

2009–2014	**Master in Informatics and Computing Engineering**, *Faculty of Engineering of the University of Porto(FEUP)*, Current average: *15,05/20*.
Sep.2013–Feb.2014	**Erasmus Student in Master in Informatics**, *Sapienza Università di Roma*, Average: *28,25/30*.
2006–2009	**High School**, *Escola Secundária da Maia*, Final average: *17/20*.

Master thesis

Title	*No-Touch Interfaces*
Description	This thesis aims to define a set of UX rules for No-Touch Interfaces and a framework to create such interfaces for the web, using the Microsoft Kinect as the technology of choice. The application used as a case study is an application for doctors to consult their patients clinical history during surgery.

Experience

February 2014–July 2014	**Intern for Master's Thesis**, *Glintt Healthcare Solutions*. Implemented a framework to build web interfaces usable with the Microsoft Kinect, using an existing application as a case study.
March 2013–June 2013	**Teaching Assistant for Algorithm Design and Analysis**, *FEUP*. Responsible for aiding students with their projects and maintaining a C++ API for visual graph representation.
November 2012–March 2013	**Organizer of the National Meeeting of Informatics Students 2013, Responsible for the program**. Responsible for selecting, contacting and welcoming speakers for the event. The event welcomed over 550 participants, breaking the previous record of 300.

Technical skills

Basic	HTML, CSS, Android, TinyOS, R
Intermediate	Javascript, Ruby on Rails, C, C++, C#, JUnit, Jasmine, Git, SCRUM
Advanced	Java, Microsoft Kinect, LeapMotion

Languages

Portuguese	**Native Speaker**
English	**Advanced User - IELTS Score of 7.0**

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Castilian Spanish	**Intermediate User**
Itallian	**Basic User**

Interests

Couchsurfing	While on Erasmus, I took on to couchsurfing as a way to meet people and broaden my horizons. Although my activity has declined since I returned to Porto, I plan to dedicate more time to this as soon as I live on my own again.
Driving	As painful as it was to get a driver's license, I'm now a fairly competent driver and really enjoy driving as stress relief, specially at night.
Cooking	After arriving in Rome for Erasmus I found myself knowing nothing about cooking and not wanting to spend too much money or eating crap and now I love cooking for myself and for others, I'm fairly good at it but need to increase my recipe cookbook.
Geeking out	Playing videogames and Magic: The Gathering, watching some Doctor Who, you name it. No plans to stop anytime soon.

Miscellaneous

- Had an Artificial Intelligence project selected for "Semana Profissão Engenheiro", where I had to present it to high school students and spark up their interest in software engineering.
- I have attended SAPO Codebits thrice, and at the last edition I gave a small talk called "UX in Natural User Interfaces".
- I have a certificate of introduction to experimental software engineering.
- I am about to take a few courses on Coursera:
  - R Programming;
  - Functional Programming Principles in Scala;
  - Malicious Software and its Underground Economy: Two Sides to Every Story;
  - Pattern-Oriented Software Architectures: Programming Mobile Services for Android Handheld Systems.

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