

João Fernandes

Software Engineer

Education

- 2009–2014 **Master in Informatics and Computing Engineering**, *Faculty of Engineering of the University of Porto (FEUP)*, Final average: 16 out of 20.
- Sep.2013–Feb.2014 **Erasmus Student in Master in Informatics**, *Sapienza Università di Roma*, Average: 28,25/30.

Master thesis

- Title *No-Touch Interfaces*
- Description This thesis aimed 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.
- Final Grade 18 out of 20

Experience

- August 2014–Current **Software Engineer**, *Seedrs*, Lisbon.
- In this role I am mainly involved in full-stack development of the Seedrs website. I work in an agile environment with continuous delivery. In terms of technology, I use Ruby on Rails for backend, and Ember.js and AngularJS for other projects within Seedrs.
- February 2014–July 2014 **Intern for Master's Thesis**, *Glintt Healthcare Solutions*, Porto.
- 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*, Porto.
- Responsible for aiding students with their projects and maintaining a C++ API for visual graph representation.
- November 2012–March 2013 **Head of program**, *National Meeting of Informatics Students 2013*, Porto.
- Responsible for selecting, contacting and welcoming speakers for the event. The event welcomed over 550 participants, breaking the previous record of 300.

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🌐 <http://www.joaofernandes.me/> • *I turn caffeine into code*

Skills

Work experience

Languages & Frameworks Ruby on Rails, CSS, HTML, Javascript, JQuery, Ember.js, AngularJS, RSpec, Cucumber, MySQL

Tools & Practices UNIX, Git, nginx, Scrum, Integration testing

Academic/Hobby experience

Languages & Frameworks C++, Java, C#, C, JUnit, Microsoft Kinect, LeapMotion, Android, TinyOS, Scala, PostgreSQL

Tools & Practices UML, Eclipse, Visual Studio, SOA

Languages

Portuguese **Native Speaker**

English **Advanced User - IELTS Score of 7.0**

Spanish **Intermediate User**

Italian **Basic User**

Miscellaneous

- First Aid - Basic Life Support license issued by Kmed.
- 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.
- Attended SAPO Codebits thrice, and at the last edition I gave a small talk called "UX in Natural User Interfaces".
- Completed Functional Programming Principles in Scala course in Coursera.

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