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 Meeeting 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.

Avenida 5 de Outubro 194 2º Direito – 1050-054 Lisboa – Portugal

📱 +351 917456174 • ✉ hi@joaofernandes.me

🖥 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.
- Gave a small talk called "UX in Natural User Interfaces" at SAPO Codebits.
- Completed Functional Programming Principles in Scala course in Coursera.