

João Fernandes

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 Meeting 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, Assembly, LISP, PostgreSQL
- Intermediate Javascript, Ruby on Rails, C, C++, C#, JUnit, Jasmine, Git, SCRUM, UML
- Advanced Java, Microsoft Kinect, LeapMotion

*Rua Divino Salvador de Moreira n82 r/c trazeiras
4470-105 Moreira da Maia – Portugal*

☎ +351 917456174 • ✉ me@jsfernandes.net • 🌐 www.jsfernandes.net
I turn caffeine into code

Languages

Portuguese	Native Speaker
English	Advanced User - IELTS Score of 7.0
Spanish	Intermediate User
Italian	Basic User

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 attend or attending a few courses on Coursera:
 - 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.

Rua Divino Salvador de Moreira n82 r/c trazeiras

4470-105 Moreira da Maia – Portugal

☎ +351 917456174 • ✉ me@jsfernandes.net • 🌐 www.jsfernandes.net

I turn caffeine into code