

# João Fernandes

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## EDUCATION

### FACULTY OF ENGINEERING, UNIVERSITY OF PORTO

MASTER IN INFORMATICS AND  
COMPUTER ENGINEERING  
2009-2014 | Porto

### SAPIENZA UNIVERSITÀ DI ROMA

ERASMUS STUDENT IN MASTER IN  
INFORMATICS  
Sep 2013 - Feb 2014 | Rome

## LINKS

Github:// JSFernandes  
LinkedIn:// jsfernandes  
Twitter:// @JSF\_Legacy  
Skype:// jsfernandes91

## SKILLS

### PROFESSIONAL

Languages & Frameworks  
Ruby on Rails • Javascript • Ember.js  
MySQL • SASS • RSpec • Cucumber  
External integrations  
Stripe • Currency Cloud • Chartio  
Mixpanel • Google Analytics  
Salesforce • Customer.io  
Tools & Methodologies  
Git • UNIX • Engine Yard • Slack  
Trello • Scrum • Kanban

### HOBBY

Heroku • Digital Ocean • Sidekiq  
Python • Scala • Docker • AWS

### ACADEMIC

Java • Android • C++ • C#

## LANGUAGES

Portuguese - Native User  
English - Advanced User  
Spanish - Intermediate User  
Italian - Basic User

## WORK EXPERIENCE

### MOVINGWORLDS | SOFTWARE ENGINEER

Medellín, Feb 2017 - Mar 2017

- Did full stack Node.js development.
- Improved integrations with Mailchimp and Streak.
- Fixed performance issues on searches with dozens of thousands of results, via pagination, indexes, and query optimization.

### SEEDRS | SOFTWARE ENGINEER

Lisbon and London, Aug 2014 - Dec 2016

- Did full-stack Ruby on Rails development with RSpec, Cucumber, HAML, SASS, and Javascript with JQuery.
- Worked autonomously from London since July 2016, while the remaining engineers worked in Lisbon.
- Worked closely with the product director and design team to iterate on features under development.
- Served as Scrum Master since December 2015.
- Worked with Stripe support to identify and solve issues affecting Seedrs.
- Automated reports of platform data for compliance with the UK's FCA.
- Worked on the responsive redesign of some pages.

### GLINTT HEALTHCARE SOLUTIONS | INTERN FOR MASTER'S THESIS

Porto, Feb 2014 - July 2014

- Developed a Javascript framework that communicated with a native C# application to receive event data via sockets and allow users to interact with the page using the Microsoft Kinect.
- Implemented basic PDF and image control via Javascript.
- Studied different interaction gestures with the Microsoft Kinect to optimize accessibility and user experience.

### FACULTY OF ENGINEERING, UNIVERSITY OF PORTO

#### TEACHING ASSISTANT - ALGORITHM DESIGN AND ANALYSIS

Porto, Mar 2013 - Jun 2013

- Helped students with their C++ projects regarding graph and string algorithms.
- Performed maintenance on a library used by students to display graphs.

## EVENT ORGANIZATION

### ENEI - NATIONAL MEETING OF INFORMATICS STUDENTS

#### HEAD OF PROGRAMME

Nov 2012 - Mar 2013

- Selected, invited and received speakers for the event in a variety of topics - Infosec, NFC, Web Development.
- Broke the previous attendance record of roughly 300 attendees by achieving nearly 600 attendees.

## OTHER

- 2016 Wrote a blogpost about dependencies in agile for [scrumandkanban.co.uk](http://scrumandkanban.co.uk)
- 2014 Gave a small talk titled "UX in Natural User Interfaces" to a few dozen people
- 2013 Artificial Intelligence project selected to introduce university to potential students