Bruno Henriques

☆ 24 Years Old 🌐 Carcavelos, Portugal
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EDUCATION

INSTITUTO SUPERIOR TÉCNICO, UNIVERSIDADE DE LISBOA
MSc in Computer Science

Software Engineer
Intelligent Systems

Finished Nov 2016 | Lisbon, Portugal
Final Average: 17 out of 20

Thesis in HRI: Rapport - Establishing Harmonious Relationships Between Robots and Humans

Coursework
Advanced Programming
Distributed Applications
Natural Language
Network and Computer Security
Search and Planning
Software Architecture

BSc in Computer Science
Finished July 2014 | Lisbon, Portugal
Final Average: 17 out of 20

Coursework
Artificial Intelligence
Analysis of Algorithms
Compilers
Logic for Programming

ABBOTSHOLME
English Language Programme
August 2010 | Staffordshire, England

LANGUAGES

Portuguese: Native
English: Full Working Level Proficiency
Spanish: Elementar
French: Elementar

SKILLS

PROGRAMMING
2 years working in:
Swift • **iOS** • **Java** • **Git** • LISP
1 year working in:
Python • **C** • **C#** • C++ • Unity
Short projects:
Obj-C • **Android** • Machine-Learning
Natural-Language Processing

EXPERIENCE

CARBON BY BOLD | iOS Developer
December 2016 - Present (4 months) | Lisbon
- Developed from ground up three different **iOS** projects for external clients;
- Created tools to increase productivity. E.g., created a tool to quickly integrate remote API's reducing maintenance and average development time;
- Developed an **iOS** project with strong **security** protocols to assure **confidentiality** and **privacy** of the sensitive data exchanged between the mobile device and the remote server.

ANITA BORG | Google Summer of Code Malaria-iOS Mentor
March 2016 - September (7 months) | Online
- Evaluated student's proposals regarding regarding their understanding of the project, their engagement, and the proposed timeline;
- Provided guidance and did code reviews (**Swift**).

ANITA BORG | Google Summer of Code Malaria-iOS Student
May 2015 - September 2015 (5 months) | Online
- Redesigned and improved the **iOS** App in **Swift** with success as it met the required requirements and was nearly identical to the expected design;
- Designed the architecture with a clear separation between presentation, data and logic measured by its **testability**, **modularity** and **readability**.

FENIXEDU | iOS Developer
October 2014 - November 2015 (13 months) | Lisbon
- Developed and released the first official Técnico Lisboa **iOS** App in **Swift** used by Portuguese and international students.
- Integrated the schedule of classes and exams with the native calendar;

RESEARCH

GAIPS INESC-ID | Summer Internship
July 2014 - August 2014 (2 months) | Oeiras
- Developed an emotive agent on Robot **Baxter** to manipulate randomly placed objects using **ROS** and **OpenCV** (▶ 4G643DbAGfg);
- Consolidated the architecture as measured by its **maintainability** and **reusability** by streamlining the launcher, by abstracting the facial features generation, and by refactoring the algorithm to support different objects.

UNIVERSITY EXTRACURRICULAR WORK

INSTITUTO SUPERIOR TÉCNICO | MEIC Course Delegate
October 2014 - November 2015 (13 months) | Lisbon
- Promoted the quality of MEIC courses, ensuring that the teaching methods were effective and according to Técnico Lisboa's regulations;
- Solved **conflicts** between students and professors by **negotiating** solutions that benefited both parties.

AWARDS

March 2016	8th place (out of 13)	Unbabel NLP Challenge
2012-2013	Performance Award	Volunteer Work at Natura Observa
2011-2015	Academic Award	Instituto Superior Técnico