

Daniel Mendonça

Curriculum Vitae

Education

Sep, 2012–
Jul, 2017 **Bachelor and Master degree in Informatics and Computing Engineering**, *Faculdade de Engenharia da Universidade do Porto*, Porto, Portugal, GPA: 14 of 20

Master thesis

title *Data-Intensive Applications Verification*
supervisors Dr. Rui Maranhão Abreu
date *June, 2017*
description Development and research to help improve the testing process of Data-Intensive Applications mostly done by static code analysis, test configurations and set-up.

Experience

Software Engineering

Feb, 2017 – **Internship**, *Critical Manufacturing*, Maia, Portugal.
June, 2017 Master thesis "Data-Intensive Applications Verification" development and research to help improve the testing process of Data-Intensive Applications such as the company's main product, MES (Manufacturing Execution System).

Languages

Portuguese Native
English Proficient *Able to maintain oral and written conversations*

Skills

Technical

Programming Languages C#, Java, C/C++, javascript, SQL
Technologies .NET Windows Communication Foundation, Entity Framework, Android, UWP and applications, Xamarin Forms, Node.js, Roslyn (Microsoft Code Analysis)
Frameworks
IDE's Visual Studio, IntelliJ Idea, Android Studio, Eclipse

Paredes, Porto – Portugal

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Operating Systems Microsoft Windows, Linux (Ubuntu/Debian)

Certifications Become an Android Developer From Scratch - Android Development Introduction course - <https://www.udemy.com/certificate/UC-XJFQNXXC/>

Soft skills

- o Effective communicator
- o Critical thinker
- o Good team spirit
- o Friendly and flexible

Interests

Technological

- o Mobile application development
- o Web-services and API's
- o Software engineering
- o Information Systems
- o Computer vision

Others

- o Formula 1
- o Karting
- o Football
- o Health
- o Cinema and music

Projects and competitions participation

Cat vs Dog image classification

project A Kaggle competition, where from a set of images of cats and dogs, the software should determine if the animal in the given photo is either a cat or a dog. Developed for computer vision class using openCV. Accuracy of about 68% using SVM.

Stock trading web service simulation - SOAP

project Stock trading web services offered by a financial institution. The web services are built on top of .NET technology: WCF / SOAP and MSMQ. It was also used the Entity framework technology. Developed for Distribution and Integration Technologies class.

Dali

project This was a project developed in Project Management Laboratory class for Deloitte Digital, where I got to develop our software communication with a leap motion device that allows interaction with the software by hand gestures.


Porto Summer of Code (2015)

programming competition The team developed an Android app that splits the bill with other people using OCR to get the values of each product and associate it with a person.

Techathon - Deloitte Digital (2016)

programming competition Using BITalino the team developed software to track a patient evolution through the physiotherapy sessions.

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