Gonçalo Marantes

Informatics and Computing Engineering Student

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Summary

I am currently a student at the Faculty of Engineering of the University of Porto, doing my master's degree in Informatics and Computing Engineering. Vice-chair of IEEE University of Porto Student Branch. Besides engineering I also have a great passion for fitness and nutrition.

Work experience

Web Developer	01/2020 - Present

Jobt

Jobt is a start-up created by two people, Valentim Luís and João Fonseca, students at Porto Business School. They invited me on to this project to help develop their website and offer some consultation regarding IT topics.

Vice-chair	09/2019 - 08/2020

IEEE UP Student Branch

Student Member	11/2017 - Present

IEEE UP Student Branch

This Student Branch (SB) is composed by University of Porto (UP) students and members of IEEE, who dedicate themselves to sharing knowledge and create activities that enrich our student community and contribute to technological advance.

Education

Mestrado Engenharia Informática e Computação	2017 - Present

Faculdade de Engenharia da Universidade do Porto

CEFR Level C2	2016 - 2017

Encounter English

2º e 3º Ciclo e Ensino Secundáro	2009 - 2017

Colégio Paulo VI

Volunteer Experience

Summer Intern	08/2020 - 09/2020

SPeCS Research Group

Worked at SPeCS Research Group (Special-Purpose Computing Systems, languages and tools) under Professor Nuno Paulino and Professor João Bispo. Developed a web application to showcase the Binary Translation Framework.

TISP Mentor	2017 - Present

IEEE

Skills

Frontend Development

I have mainly used Vue and React as UI building frameworks for most of my projects. I also have a good knowledge regarding CSS/SCSS as well as the Tailwind CSS library.

UI & Graphic Design: 7/10

I work with Figma and Affinity Designer/Photo to design mock-ups for web applications as well as build brand identity and marketing materials.

Git

Ever since I started collaborating with other people I've always found that Git is an indisputably essential tool for version control and overall project workflow.

Java

Knowing OOP gave me a head start on learning Java. College projects and Java frameworks like JUnit and Mockito also made me more aware of software testing and overall software engineering.

Python

I have used Python in a lot of projects, from simple Messaging Bots to Artificial Intelligence projects with the help Jupyter Lab.

Teamwork

Being an active IEEE member gives me the chance to work with people from different areas of engineering on a daily basis.

C/C++

In my first years during my integrated master's degree, I worked heavily on device drivers and operating systems using C, and data structures, algorithms

TISP functions essentially as a professional development workshop aimed at helping teachers bring exciting hands-on engineering lessons into their classrooms. Once trained, IEEE volunteers can connect with pre-university schools in their local communities to deliver the hands-on program.

Volunteering Staff   25/07/2018 - 29/07/2018
IEEE Region 8 SYP Congress Porto 2018

I volunteered at the IEEE Region 8 Students and Young Professionals Congress 2018 that took place in Porto, Portugal. I worked in the meals and accommodation department, helping attendees check in and giving directions around the city and campus ground.

Volunteering Staff   23/03/2018 - 26/03/2018
ENEI | Encontro Nacional de Estudantes de Informática

Encontro Nacional de Estudantes de Informática (ENEI) aims to offer students from all over Portugal an event that promotes learning, idea exchange and social networking, while at the same time create string connections to the business world.

Volunteering Staff   25/07/2019 - 27/07/2019
IEEE WIE International Leadership Summit Porto 2019

IEEE Women in Engineering International Leadership Summits (WIE ILS) provide regional opportunities to foster networking, mentorship, and collaboration. IEEE WIE chose Porto as one of the locations to host the WIE ILS program in 2019 as part of the portfolio of global initiatives that focus on Empowerment, Entrepreneurship, Leadership, and Emerging/Future Technology.

and Object Oriented Programming in C++.

Linux

I have been working with Linux for about two years and feel it's a strong operating system I would like to learn more about.

English

Completing my CPE exam and being in constant touch with the English language made me proficient in it.

Mandarin Chinese

I have a general knowledge of Chinese language syntax and communication.