

Gonçalo Marantes

Informatics and Computing Engineering Student

Portugal, Porto | +351 933 235 253 | goncalo.marantes@ieee.org

marantesss.github.io



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 Secundário 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



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 of 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 strong 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.