



SOFIA SILVA

INFORMATICS AND COMPUTING ENGINEERING STUDENT

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 Porto, Portugal

SUMMARY

I'm a woman in engineering who is enthusiastic about **UX/UI design**, **interactive systems**, and keen on **web/mobile development**. I was born and raised in the most stunning city of Portugal, Porto. I love to be involved in projects that allow me to share my passion and contribute to a greater good.

EDUCATION

Integrated Master's in Informatics and Computing Engineering

Faculty of Engineering at University of Porto
Sep 2015 - Present

Erasmus+ Exchange Program

Polytechnic University of Madrid
Concentration in Human-Computer Interaction and Design
Sep 2019 - Jan 2020

LANGUAGES

Portuguese

Native

English

Fluent

Spanish

Intermediate

SKILLS

Programming Languages

JavaScript, TypeScript, C, C++, C#, Java
HTML, CSS/SASS, PHP, Python

Frameworks & Libraries

Angular, React, Vue, Ionic, Laravel,
Node.js, Gatsby

Tools & Platforms

Git, Gulp, NPM, Yarn, WordPress,
Android Studio, Docker

Design

Figma, Sketch

WORK EXPERIENCE

WEB DEVELOPER, MARKETING MANAGER AND DESIGNER

Porto Campus Studios / Porto, Portugal

Jun 2017 - Present

- Branding and product design.
- Developed a website based on WordPress.
- Marketing and social media management during the launch of the company.

TEACHING ASSISTANT

Universidade Júnior / Porto, Portugal

Jul 2019

- Taught programming to children from the age of 11 to 14.

EXTRACURRICULAR ACTIVITY

VICE CHAIR

ACM FEUP Student Chapter / Porto, Portugal

Jan 2020 - Present

- Founder, designer, and marketing manager.

MEMBER

IEEE UP Student Branch / Porto, Portugal

Nov 2018 - Present

- Prototype design and web development, working mostly for the design and marketing department.

MEMBER

NIAEFEUP (Academic Organization) / Porto, Portugal

Jan 2017 - Nov 2018

- Active participation in the Informatics Club of the Faculty of Engineering.

MARKETING AND COMMUNICATION COORDINATOR

National Meeting of Informatics Students / Porto, Portugal

Jan 2017 - Jul 2018

- Active participation in the organization of ENEI 2018 (Encontro Nacional de Engenharia Informática), a yearly tech conference that aims to gather all students in the Portuguese computer industry.
- The edition broke several records such as the highest number of attendees (700), sold out workshops and activities.

TECHNICAL PROJECTS

2016

CHRISTMAS RUN

A platform game inspired by Google T-Rex implemented in C which interacts with Timer, Keyboard, Mouse, Graphic Card, and Real Time Clock. It is compatible with Minix Operating System.

github.com/literallysofia/feup-lcom

2017

MERAKI MOBILE APP

An android application where users can store tasks and organize them by date, category or location.

github.com/literallysofia/feup-lpoo#second-project

NIAEFEUP WEBSITE

Front-end developer of the Informatics Club's website. The user interface was designed using Adobe Photoshop and it was developed using CSS, Pug, and Bootstrap.

github.com/literallysofia/Website-NIAEFEUP

behance.net/gallery/57627347/NIAEFEUP-Website

MERAKI WEBSITE

A web application where users can store and share to-do lists.

github.com/literallysofia/feup-ltw

behance.net/gallery/59839535/Meraki-Website

FABRIK

A board game implemented in Prolog with a 3D interface developed in WebGL.

github.com/literallysofia/feup-laig#third-project

2018

SWEVEN

A web application for an online tech store. It is based on HTML5, JavaScript, SCSS, PostgreSQL, and PHP. The user interface has Bootstrap as its core, and the backend built with the Laravel framework. The Sketch App was used for its initial design.

github.com/literallysofia/feup-lbaw

behance.net/gallery/71374245/Sweven-Website

SEMANA DE INFORMÁTICA

Semana de Informática is a conference that aims to bring together students of informatics, computer science, and engineering to learn, socialize and connect with each other and the business world. My role required me to develop a new image for the event, all from scratch, where I designed the event's identity guidelines and mockups for the website.

behance.net/gallery/71743537/semana-de-informatica

2019

IEEE CYBERSECURITY WEEK

A website for the IEEE CyberSecurity Week event. Based on HTML, CSS and Bootstrap.

behance.net/gallery/78126379/Cybersecurity-Week

AURORA

A single-player hack and slash game set in a Norse mythology world. The player, playing as Aurora, needs to survive waves of enemies while dodging boss attacks, in order to damage the boss and ultimately destroy it.

github.com/literallysofia/aurora

CHERRYBLEND

UX/UI design of a mobile application prototype that allows users to easily find and execute food recipes.

behance.net/gallery/83472803/CherryBlend-UIUX-Design

FEEKA

A fictional company created for a university subject that developed technological solutions. The company had more than 30 employees and partnerships with companies Sonae BIT, Critical Manufacturing, ZOS Lda, and Escola Global. As a team leader, I managed a team of 8 people and took part in the development of Feeka's website.

github.com/literallysofia/feeka

INESC TEC'S VCMÍ & BREAST RESEARCH GROUP

A web application for the Visual Computing and Machine Intelligence (VCMÍ) and Breast research group of INESC TEC.

2020

VOU WORDPRESS THEME

A WordPress theme for the University Volunteer Association (VOU).