SOFIA SILVA

INFORMATICS AND COMPUTING ENGINEERING GRADUATE

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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 – July 2020

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

TEACHING ASSISTANT
Universidade Júnior / Porto, Portugal   Jul 2019

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

WEB DEVELOPER, MARKETING MANAGER AND DESIGNER
Porto Campus Studios / Porto, Portugal   Jun 2017 – Jun 2019

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

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 VCMI & BREAST RESEARCH GROUP
A web application for the Visual Computing and Machine Intelligence (VCMI) and Breast research group of INESC TEC.

2020

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