Ana Margarida Silva

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Personal Pages

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Portugal

Ana Margarida Silva

Student of Masters Degree in Informatics and Computing Engineering

About Me My name is Ana Margarida Silva and I am a Software Engineer. I'm comfortable on either side of the stack, doing both front-end and back-end work. I have a passion for Open Source Software and tinkering with hardware. I'm always willing and happy to learn new technologies and improve my current skills.

Education

2004-2015, Agrupamento de Escolas do Búzio
Primary and high school

2015-2020, Faculty of Engineering of the University of Porto
Masters Degree in Informatics and Computing Engineering

Experience

September 2019 - Present, *Software Engineer*, Platforme
Work on the RIPE technology stack, that includes both core services and client-facing interfaces. Use of technologies like Python, Node.JS, Type-Script, Vue.js/React.js and React Native.

2015 - 2020, *Student of Masters Degree in Informatics and Computing Engineering*, FEUP
Final grade: 16.4

- ***Masters Thesis in* Orchestration for Automatic Decentralization in Visually-defined IoT** - Development of a prototype, extending from Node-RED, that enables the automatic decentralization of an IoT system. The devices in the network communicate their computational capabilities to the orchestrator, which is responsible for automatically partition the computation and sending the generated tasks to the devices, leveraging their computational power. Final grade: 20

October 2019 - September 2020, *Software Engineer Trainee - Part-Time*, Platforme
Work in several projects, including back-end and core services using Python and Node.JS, front-end interfaces using Vue.js/React.js to client side tools using Javascript.

"*The Web Developer Bootcamp*" course
Completion of an online course, from Udemy, that teaches full stack web developing. It includes technologies like HTML5, CSS3, Javascript, NodeJS, ExpressJS, MongoDB and others.

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July 2018 - September 2018, Summer Internship at Blip

During the summer of 2018, I made an internship at Blip, a company that is a part of the group PaddyPower Betfair. The goal of the internship was the development of a Web App with technologies like React, Apache Kafka and Betfair's Cougar framework in Java.

Personal Skills

Mother tongue

Portuguese

Other languages

- CAE (Certificate in Advanced English) exam - grade A

Language	Understanding	Reading	Writing
English	Very Good	Very Good	Good
Spanish	Good	Good	Moderate

Communication skills

- Frequent team work and presentations during the several projects of the masters degree.
- Presentation and introduction of several musical performances.

Other skills and occupations

- Bass guitar player in "Orquestra Ligeira de Cambra".
- Clarinet player in "Sociedade Artística Banda de Vale de Cambra".
- Member of the board of the "Orquestra Ligeira de Cambra" and "Sociedade Artística Banda de Vale de Cambra".

Software Development Skills

Programming Languages, Technologies and Frameworks

- Javascript
- Python
- NodeJS
- VueJS
- C++
- C
- CSS3
- HTML5
- Java
- MongoDB
- PostgreSQL
- MySQL
- Linux
- ReactJS
- React Native
- Docker
- CI/CD
- Scrum

Awards

2015, *Best High School Student*, Rotary Club de Vale de Cambra

Awarded to the top student in their final year of high school.

2015, *Board of Excellence*, Agrupamento de Escolas do Búzio

Awarded to the top students in their final year of high school and elementary school.

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Interests

Professional
Web development, Cyber Security, Software Development

Personal
Bass Guitar, Clarinet, Music, Reading