


# Simão Pedro Sá Cunha


2<sup>nd</sup> year MsC Software Engineering Student


Date of Birth: January 7<sup>th</sup>, 2001

Location: Vila Nova de Famalicão - Braga, Portugal

 simaocunha71

 simaocunha71

 simaopscunha@outlook.pt

 simaocunha71.github.io

## EDUCATION

---

### •Informatics Engineering (Integrated MsC)

*University of Minho, Braga, Portugal*

2019 - Present

### •Basic and Secondary Education

*Escola Cooperativa Vale S. Cosme - Didáxis, Vila Nova de Famalicão, Portugal*

2012-19

## WORK EXPERIENCE

---

### •Summer Internship

*Jul - Sep 2023*

*Bosch Portugal*

Braga, Portugal

- Applied machine learning and deep learning techniques to develop a system for detecting delaminations.
- Implemented machine learning models using Python libraries such as Scikit-learn (Sklearn) and deep learning models using Deep Learning Halcon by MVTEC to build robust detection algorithms.
- Conducted image processing tasks using Halcon from MVTEC to enhance data preprocessing.
- Contributed to internal software development projects.
- Gained foundational knowledge in computer vision.

### •Summer Internship

*Jul - Aug 2022*

*Accenture Portugal*

Braga, Portugal

- Introduction to Google Cloud Platform.
- Data Fusion instance creation and JSON file upload with a customized pipeline configuration in a Cloud Build file written in YAML.
- Agile Scrum Methodology applied in the entire internship.

## LANGUAGES

---

**Portuguese:** Native

**English:** C1 - Advanced

## SKILLS

---

**Programming Languages:** C, C++, Java, JavaScript, Python, Haskell, Prolog

**Frameworks:** React Native

**Web Development Tools:** Node.js, VSCode, Git, GitHub

**Cloud and DevOps:** Google Cloud Platform, Firebase, Docker, Ansible

**Databases:** SQL, MySQL

**Business Intelligence:** Microsoft PowerBI

**Areas of Interest:** Large Language Models, Machine Learning, Green Software, Image Processing, Computer Vision

## ACTIVITIES

---

### •Cerciras Training School 2024

*Aug 2024*

*Cerciras - Connecting Education and Research Communities for an Innovative Resource Aware Society*

Klagenfurt, Austria

### •1st UMinho Research & Innovation Open Days 2024

*Jan 2024*

*University of Minho*

Braga, Portugal

### •Sustainable Summer School 2023

*Jul 2023*

*University of Coimbra*

Coimbra, Portugal

## CERTIFICATES

---

### •1st UMinho Research & Innovation Open Days 2024 - Pitch and Poster Session

*Jan 2024*

*University of Minho*

Braga, Portugal

- Pitch Session Certificate
- Poster Session Certificate

### •Sustainable Summer School 2023 - Students Workshop and Poster Session

*Jul 2023*

*University of Coimbra*

Coimbra, Portugal

- Attendance Certificate
- Students Workshop and Poster Session Certificate

### •English C1

*Oct 2021*

*BabeliUM*

Braga, Portugal

- Certificate