

VASCO GUEDES

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EDUCATION

COLLEGE OF COMPUTING AND DATA SCIENCE

Nanyang Technological University, Singapore

MSc,

Exchange program

COMPUTER SCIENCE - SYSTEMS FOR LARGE-SCALE APPLICATIONS

University of Amsterdam x VU Amsterdam, Netherlands

MSc,

2023 / 2025

CGPA: 7.8/10

- Relevant Coursework: Distributed Systems, Dynamic Programming and Reinforcement Learning

INFORMATICS AND COMPUTING ENGINEERING

University of Porto, Portugal

BSc,

2020 / 2023

EXPERIENCE

ASML

Master's Thesis Internship

Veldhoven, Netherlands,

Jan 2025 to Present

- Conduct timing performance profiling and optimization for algorithmic models used in ASML systems, leveraging tools like Intel VTune and advanced optimization techniques.

INESC TECHNOLOGY AND SCIENCE

Research Assistant

Porto, Portugal,

Oct 2022 to Present

- Conducting cutting-edge research on Data Connectors and Data Spaces within a prestigious European project while collaborating with entities like TNO;
- Developed a new data access functionalities to integrate into the center's current data collection system.

NEXUSZ

Software Engineer

Hengelo, Netherlands,

Oct 2023 to Dez 2024

- Developed innovative software solutions, including a chatbot and data analysis tools.

JUMPSeller

Software Engineer Intern

Porto, Portugal,

2022 Summer

- Develop a comprehensive system of ratings and product reviews for the company's e-commerce platform.

EXTRACURRICULAR EXPERIENCE

JUNIFEUP

Team Leader & Developer

Porto, Portugal,

Oct 2021 to July 2023

- Team leader of 3 projects leading an average of 3 developers per team;
- Led successful development and implementation of a project for an organization that features an integrated ticketing and payment system, resulting in a sales turnover of over 75 thousand euros;
- Member of the Product Development team, designing and 3D printing prototypes, using, e.g. SolidWorks;

YOUTH DREAM - YOUTH ASSOCIATION

Head of IT & Head of Strategy and Planning & Member

Porto, Portugal,

Oct 2020 to June 2024

- Forged alliances, strategized, and promoted SDGs and children's literature through our book;
- Assisted in creating an educational book, "Nahir e os ODS," to promote the SDGs;

SKILLS

Programming Languages Python, JavaScript, React, Next.js, Node.js, Docker, C/C++, Julia, Java, Prolog

Languages Portuguese (Native), English (C1 Certificate)

others 11-week Machine Learning course by Stanford University, 33 hours AWS developer training, Power BI Certified Training by APGEI, and Figma (UI/UX) enthusiast