



Ana Sá Oliveira

Software Engineer

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Date of Birth: January 5, 2004

About

I'm Ana Sá Oliveira, a 22-year-old **software engineering student** from **Braga, Portugal**. I'm currently looking for my first **summer internship**, where I can grow, learn, and contribute to real-world projects.

Work Experience

Private Tutor in Functional Programming (Software Engineering) Nov. 2025 – Jan. 2026
Private tutor for the Functional Programming course of the 1st year of the Bachelor's degree in Software Engineering at the Universidade do Minho Braga, Portugal

Education

Universidade do Minho Sep. 2025 – Now
Master's Degree in Software Engineering
Specializing in Application Engineering and Formal Methods of Programming
First Semester Final Grade: 17/20
Braga, Portugal

Universidade do Minho Sep. 2022 – Jun. 2025
Bachelor's Degree in Software Engineering
Final Grade: 16/20
Braga, Portugal

Escola Básica e Secundária de Vale D'Este, Viatodos, Barcelos Sep. 2019 – Jun. 2022
High School Diploma in Science and Technology (Scientific-Humanistic Track)
Final Grade: 18/20
Braga, Portugal

Projects

Database Administration Project [🔗]
Performance optimization and evaluation of a PostgreSQL database using transactional and analytical benchmarks, through indexing and other forms of redundancy, using PostgreSQL and SQL
Final Grade: 19/20

Computer Graphics Project [🔗]
Development of a 3D Engine Based on a Scene Graph, using C++
Final Grade: 20/20

Hackathon Bugsbyte Project [🔗]
Web application for price optimization that uses web scraping and market data to provide intelligent recommendations and comparative product analysis, using Python, Pug, CSS, and JavaScript
MC SONAE Theme - Price Optimization Tool

Skills

Technical Skills

Java, C, C++, HTML, CSS, JavaScript, Python, SQL, Haskell, C#, Git, GitHub, PostgreSQL, Node.js...

Languages

Portuguese (Native), English (B2 - Upper-intermediate)

Soft Skills

As a software engineering student, I developed skills such as problem-solving, critical thinking, and attention to detail. As a private tutor, I developed skills such as communication and empathy. As a scout for 9 years, I developed skills such as teamwork and adaptability.

Driver's License

Valid and clean

Extracurricular Activities

Corpo Nacional de Escutas (Portuguese Scouts Association) Sep. 2010 – Aug. 2019
Active participation in scouting activities, including camps, ceremonies and community service projects
Braga, Portugal
(9 years)