

ÁLVARO MENÉNDEZ ROS

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Software Engineer

EDUCATION

MSc Artificial Intelligence & Engineering Systems
TU/Eindhoven

Sep 2025 - Jun 2027
Track: Healthcare

BSc Data Science & Artificial Intelligence
Maastricht University

Sep 2021 - Dec 2024
Thesis: Data Analysis of Classroom Dynamics

EXPERIENCE

ASML ([asml.com](https://www.asml.com))

Feb 2026 - Current

Software Engineer Intern (Tribology & Electrostatics Research Department)

- Reduced time to visualize tribology experiment data from 20 minutes to sub-second by building a preprocessing pipeline across a 60 TB database
- User interface Adopted by 10+ engineers
- Full time internship parallel to my master studies (Extended 2 months)
- **Tech:** MATLAB, Python (Flask)

Sqippa ([sqippa.com](https://www.sqippa.com))

Sep 2024 - Feb 2025

Software Engineer

- Built scheduling and data migration tools used by 101 owners across 7,030 IoT devices on Sqippa's platform.
- **Tech:** AWS SAM, AWS Lambda, DynamoDB, React (v16)

Smart Health And Science School ([smarthealthandscience.nl](https://www.smarthealthandscience.nl))

Feb 2024 – Jun 2024

Software Instructor

- Taught Scratch, Python, and Robotics to classes of 8–12 year olds in an afterschool program

Ans ([ans.app](https://www.ans.app))

Sep 2023 – Feb 2024

Data Science Intern - Natural Language Processing (NLP)

- Built an NLP pipeline to automatically tag exam questions with relevant keywords
- **Tech:** Python, HuggingFace

INTERESTS

- Actively attend Tech conferences ([South Summit](#), [Codemotion](#)) and Hackathons ([Hack2Progress](#), [AXA Hackathon](#))
- I build AI [side projects](#) for fun

SKILLS

