

# ÁLVARO MENÉNDEZ ROS

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**AI / ML Engineer · Full-Stack Developer**

## EDUCATION

### MSc Artificial Intelligence & Engineering Systems

Track: Healthcare

TU/Eindhoven

Sep 2025 - Jun 2027

### BSc Data Science & Artificial Intelligence

Thesis: "Data Analysis of Classroom Dynamics in Primary Schools Using JOINclusion Game Interactions"

Maastricht University

Sep 2021 - Dec 2024

## EXPERIENCE

### Software Developer

Berinhart ([berinhart.nl](https://berinhart.nl))

Oct 2025 – Now; Sep 2024 – Jan 2025

Eindhoven, The Netherlands

- Building cloud-based IoT platform ([sqippa.com](https://sqippa.com)) for IoT device management.
- **Stack (Current):** AWS (SAM, Lambda, DynamoDB, Cognito), React, TypeScript, Python, CI/CD
- Developed full-stack web-app ([ifthen.sqippa.online](https://ifthen.sqippa.online)) during first employment period.
- **Stack (Prior):** AWS Cognito, Django, Rest APIs, PostgreSQL, Python

### Freelance Software Developer

Personal Brand ([alvaromenendez.es](https://alvaromenendez.es))

Jan 2025 – Sep 2025

Madrid, Spain

- Built in public 3+ SaaS products; 750K+ content impressions on LinkedIn (0 MRR)
- [llmers.es](https://llmers.es), [dailyclips.es](https://dailyclips.es), [alvaromenendez.es/ufc-predictions](https://alvaromenendez.es/ufc-predictions)

### Software Instructor

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

Feb 2024 – Jun 2024

Maastricht, The Netherlands

- Programming teacher (Scratch, Python, Robotics) to children aged 8-12

### Data Science Intern - Natural Language Processing (NLP)

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

Sep 2023 – Feb 2024

Maastricht, The Netherlands

- Automated system for tagging exam questions with relevant keywords
- **Stack:** Hugging-Face, Python

## SKILLS

**Full Stack:** Python, JavaScript/TypeScript, React, Node.js, Django, REST APIs

**Cloud & DevOps:** AWS, Docker, Serverless, Infrastructure as Code, Git, CI/CD

**Databases:** DynamoDB, PostgreSQL, SQLite, NoSQL

**Data Science & ML:** Pandas, PyTorch, Scikit-learn, Jupyter, Hugging Face

**Languages:** English, Spanish

```
docker pull alvaro/engineer:latest && docker run -d --hire
```