

Experience

Palantir Technologies

Forward Deployed Engineer Intern

London, United Kingdom

May 2026 – August 2026

- Developed classical & agentic workflows for financial services company with 4 non-technical teams
- Reviewed current system's architecture, triggering a multi-week production platform refactoring
- Scoped & built prototype sim2real2sim robotics observability & training platform

MicroAGI

Technical Staff

Munich, Germany

February 2026 – March 2026

- Led early cloud infrastructure & negotiations with 3 major cloud providers
- Built core kubernetes (CPU + GPU) embodied vision pipeline for egocentric robotics data processing
- Created early documentation standards for technical project management

TU Delft

Teaching & Research Assistant

Delft, the Netherlands

September 2022 - Present

- VHDL/Verilog FPGA programming (Quartus, Vivado) & power electronic labs

Amazon Web Services (AWS)

Solutions Architect

Amsterdam, the Netherlands

September 2023 – October 2025

- Built and maintained a WW cross-org search platform (semantic, hybrid) with 10k+ internal users
- Leading system design and architecture reviews with senior stakeholders from mfg. and semicond. enterprises
- Mentored 16 interns developing prototypes for IaC & distributed processing applications

S4FE

Computer Vision Engineer Intern

Barcelona, Spain

April 2022 - June 2022

- Led team of 5 to build a GDPR-compliant, edge crowd tracking software with SotA visual object tracking
- Implemented a KNN-based background extraction algorithm removing static feed for a 3x inference speedup

Education

Delft University of Technology (TU Delft)

MSc Artificial Intelligence (DSAIT) & robotics bridging

MSc Robotics

Delft, the Netherlands

September 2025 - Present

September 2026 - Present

Exchange: Ecole polytechnique fédérale de Lausanne (EPFL) in Fall '26

Relevant coursework: Deep Reinforcement Learning, Applied Experimental Methods, 3D Visual Computing, Robot Dynamics and Control, Advanced multiprocessor architecture, Semiconductor devices, Radar Theory and System Design

Delft University of Technology (TU Delft)

BSc Computer Science & Engineering

Delft, the Netherlands

September 2020 - June 2023

Thesis: Efficient Temporal Action Localization model development practices

Publications: Benchmarking Data and Computational Efficiency of Temporal Action Localization Models (ICCVw)

Labs: TU Delft Computer Vision Lab, Robohouse

Minor: Electronics for Robotics

Relevant coursework: Machine Learning, Algorithm Design, Signal Processing, Operating Systems, Functional Programming, Automata, Computability and Complexity, Embedded Systems, Guided & Wireless EM Transfer

Leadership & Activities

Makerspace Delft

Public Relations Lead

Delft, the Netherlands
September 2022 – September 2023

- Led the PR department to gather \$20k+ in funding through grants and company sponsorships
- Organized recruiting rounds and designed a promotional strategy leading to ~50% YoY membership growth
- Founded the software engineering dept. to build internal IT and provide SWE & embedded device support

Google Developer Student Club

Core Member

Delft, the Netherlands
August 2022 – September 2023

- Led a project to build a precision agriculture UAV and its software detecting nutrient deficiencies, pests, overplanting, flooding with a multispectral deep computer vision pipeline backed by DeepLabV3+
- Organized team meetings, lectures with industry speakers, and promoted SWE/ML contests

Individual projects

Delft, the Netherlands
October 2020 – March 2021

- Developed an agentic C++ framework to scrape market data from video game exchanges/auction houses, including game state management and a custom OCR engine for computer-generated text (5 9s accuracy)
- Built an MVC websocket orchestrator for remote mini PC management with health status monitoring

Skills & Interests

Technical: AWS (expert), React, C++, OpenCV, Typescript, Python, Opensearch, Pytorch, scikit, numpy, (proficient), SQL, C, Java, Docker, Spring, Kafka, IsaacSim, C#, VHDL, GCP (intermediate), LangChain, ROS2, Scala, Bash, JAX (beginner)

Contests: Informatics Olympiad '17-'19, Benelux Algorithmic Programming Contest '21, HackDelft '22, LauzHack '23, European Health Hackathon '23, Mercuria Hackathon '23, European Builders League '25, Amsterdam Policy Hackathon '25, European Defense Tech Hackathon '25, HackEurope '26, ETHRC '26

Languages: English (proficient), Polish (native), German (intermediate), Dutch (intermediate), Mandarin (beginner),

Interests: linguistics, robotics, geopolitics, semiconductors, aerospace, language exchange, biking, hiking