

Elina Rosato

Computer Engineer · Pursuing MSc Machine Learning, Systems and Control Engineering @ Lund

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1 SKILLS

Languages & Frameworks: Python · C · Java · JavaScript/TypeScript · Kotlin · React · Node.js · SQL

Test Automation: Playwright · Cypress · WebdriverIO · Jasmine · Jest

Machine Learning & AI: PyTorch · Reinforcement Learning · Computer Vision · OpenCV · TensorRT

Cloud & DevOps: AWS · Azure · GitHub Actions · Supabase

Embedded & Robotics: Microcontrollers · Embedded Linux · ROS · PX4 · MAVLink · MQTT · Circuit Design

2 PROFESSIONAL EXPERIENCE

QLIK TECH

Lund, Sweden

Test Automation Intern | Qlik Automate Team, R&D

Jun '25 – Dec '25

- Raised Global Test Pool coverage from 21.1% to 71% by writing and refactoring system tests across production and staging.
- **Introduced Report Portal:** set up infrastructure, integrated with system tests, and built dashboards for team-wide trend analysis.
- **Migrated the Automations Monitoring UI to Report Portal**, replacing a bespoke internal page with centralised analytics.

KRISTIANSTAD UNIVERSITY

Skåne County, Sweden

Teaching Assistant | Fundamental Programming & Programming in C for Embedded Systems Aug '24 – Jan '26

- Ran workshops for a student cohort; gave written feedback, guided debugging, and collaborated with lecturers on course delivery.
- Assessed oral presentations: verified understanding via follow-up questions, gave optimization feedback.

3 PROJECTS

Bachelor's Thesis — Autonomous Drone Navigation in Forests | Kristianstad University

Jun '26

Trained a custom PPO agent with CNN-based vision for autonomous forest navigation and deployed real-time inference on Jetson with PX4 autopilot ([GitHub](#))

Team Scheduler App — Cross-Platform Mobile for Sony | Kristianstad University

Aug '25 – Oct '25

Cross-platform Android + iOS scheduling app on a single Kotlin Multiplatform codebase, built for a real Sony client with Supabase backend and row-level security ([GitHub](#))

IoT Smart Door System — Cloud Face Recognition | Kristianstad University

'25

Raspberry Pi door system using AWS Rekognition for cloud face recognition, achieving 98.5% accuracy with least-privilege IAM design ([GitHub](#))

4 EDUCATION

LUND UNIVERSITY

Aug '26 – Jun '28

Master of Science — Machine Learning, Systems and Control Engineering

KRISTIANSTAD UNIVERSITY

Aug '23 – Jul '26

Bachelor of Science — Computer Science and Engineering, IoT specialization.

5 INTERESTS

Sports: tennis, sailing, snowboarding, aerial acrobatics. Making: 3D printing, knitting, sewing.

6 LANGUAGES

Spanish (Native) · English (Professional) · French (Basic)