JOAKIM MÅNSSON

MASTER STUDENT IN ARTIFICIAL INTELLIGENCE

Currently pursuing a Master's in Artificial Intelligence with a strong passion for continuous learning and a commitment to applying my skills to positively impact those around me.

SKILLS

- Programming Languages
  - C, C++, Java, and Python
- Embedded Systems
- Artificial Intelligence
  - PyTorch and TensorFlow
- Linux, Git, and Docker

EDUCATION

MASTER IN COMPUTER SCIENCE & ENGINEERING

Halmstad University | 2020 - 2025

Bachelor of computer science & Engineering, Master in Artificial Intelligence

EXCHANGE SEMESTER

Korea University | 2024 -

Courses: Optimization Theory, Neural Networks, Computer Vision, and Artificial Intelligence in Healthcare.

EXPERIENCE

LOW VOLTAGE ENGINEER

Halmstad University Solar Team 2022-2024

In charge of all software in the solar vehicle.
Programmed the electrical control unit (ECU), wireless communication, and steering wheel.
The vehicle successfully completed a 1070 km drive with zero electrical issues in Australia.

SOFTWARE ENGINEER

Stena Recycling 2024-2024

Developed tools for data collection, data pipelines, and frontend applications using ThingWorx.

HUAWEI HACKATHON

2024

We implemented an algorithm for optimizing the deployment of Radio Access Networks (RAN) computations in the context of 5G telecommunications. We placed 5:th in the competition out of 73 total teams.

DRONE SOFTWARE DEV. INTERNSHIP

Skydrones 2023-2023

I implemented a CAN communication system in drones and also worked with various algorithms, including object avoidance. Additionally, I actively worked on integrating new features into the open-source code of ArduPilot for the company.

CONTACT

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