



XINLE ZHANG

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EDUCATION AND TRAINING

08/2024 – CURRENT Stockholm, Sweden

MASTER'S DEGREE IN AUTONOMOUS SYSTEMS AND INTELLIGENT ROBOTICS - EIT DIGITAL MASTER SCHOOL KTH Royal Institute of Technology (Entry University)

- Specializing in autonomous systems and intelligent robotics; expected dual-degree completion at Aalto University.
- Key skills: Python programming, AI algorithms, sensor data processing, and system design.

Website <https://www.kth.se/> | **Field of study** Field unknown

PROJECTS

Autonomous Robot Manipulation Project – Introduction to Robotics

KTH Royal Institute of Technology, Fall 2024

- Programmed a robot using ROS and Python to autonomously pick and place blocks.
- Enhanced navigation precision with a particle filter algorithm in dynamic environments.

HOBBIES AND INTERESTS

AI Exploration

- Strong interest in AI-driven technologies, with hands-on experience using large language models like ChatGPT, Claude, and Grok to experiment with their features and outputs

SKILLS

Technical Expertise

- Studied machine learning fundamentals at KTH, covering classification, regression, probabilistic methods, and various algorithms such as SVM, Bayesian learning, decision trees, ensemble methods, etc.
- Gained hands-on experience, implementing basic neural networks, training models, and performing tasks like classification and regression.
- Proficient in AI-assisted programming, utilizing Grok, ChatGPT, DeepSeek, and Claude for code development, debugging, and optimization.