

Kim Kindvall

M. Sc. Student in
Machine Learning

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Website
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Profile

M.Sc. Machine Learning student at KTH passionate about applying emerging AI to complex systems. I combine a multidisciplinary background in HCI, media systems, and graphics with specialized training in Deep Learning, Computer Vision, and NLP. With practical experience in multi-language programming, systems, and pipelines, I thrive on exploring emerging AI technologies to solve real-world technical challenges.

Education

KTH Royal Institute of Technology / M. Sc. in Machine Learning

Expected completion June 2027

Foundations of Machine Learning · Machine Learning, Advanced Course · Artificial Intelligence · Machine Learning for Media Technology · Deep Learning, Advanced Course · Deep Generative Models and Synthesis

EPFL Ecole Polytechnique Fédérale de Lausanne / Exchange term

February 2026 - July 2026

Modern natural language processing · Learning in neural networks · Computer vision · Image analysis and pattern recognition · Large-scale data science for real world data

KTH Royal Institute of Technology / B. Sc. in Media Technology

Completed June 2025

Probability Theory and Statistics · Programming and Scientific Computing · Computer Graphics and Interaction · Interaction Programming and the Dynamic Web · Program Development for Interactive Media · Human-Computer Interaction

Technical Skills

Languages & Scripting: Python, Java, C#, JavaScript, Bash/Shell

AI & Machine Learning: PyTorch, Hugging Face, LLMs, NLP, Deep Learning, Computer Vision

Systems & Cloud: REST APIs/SDKs, CI/CD Pipelines, Git, Azure (DevOps, SWA), Cloud Deployment

Relevant Experience

Video-based Behavioral Modelling / Academic Project, DevPlay x KTH

September 2026 - Present

Developing a computer vision pipeline to extract temporal behavioral patterns from unstructured, unlabeled 4K video data. Tackling multi-object tracking, occlusion handling, and time-series analysis in dynamic, real-world environments.

LLM Specialist Post-Training & Merging / Academic Project, EPFL

May 2026 - July 2026

Fine-tuned Qwen3-1.7B models for general knowledge, mathematics, safety, and multilingual reasoning using LoRA, SFT, DPO, and GRPO. Combined individual specialists into a unified architecture evaluated training-free weight-space merging techniques.

WebAR Project / Lead Developer

January 2026

Led full-stack AR product development, integrating features into existing systems using REST APIs. Automated CI/CD workflows and managed cloud deployments with Azure DevOps and Static Web Apps.

MKM Bartending Team / General Manager

Onboarded and coordinated volunteers and operations for student events. Handled scheduling, economy and stakeholder comms.

