William Wahlberg

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✉ wahlbergwille@gmail.com   🌐 My Website

WEBSITE

Profile – AI Aficionado

I am passionate about AI, with hands-on experience in machine learning and deep learning. My work has involved developing and evaluating models such as Transformers and Graph Convolutional Networks, including applying LLMs via OpenAI's APIs for real-world legal document automation. I'm now seeking opportunities in AI-focused roles, with the long-term goal of becoming an expert in deep learning.

Employment History

Feb 2025 – Jul 2025	**Dagg,** As a Machine Learning Engineer at Dagg, a small incubator and consulting company, I worked on a project called Aloi — an AI-powered editor and tool for lawyers. I was responsible for developing and evaluating a system that automatically filled in incomplete clauses in legal documents. This role gave me hands-on experience with large language models (LLMs), particularly using OpenAI's APIs, as well as backend development in Python.
Nov 2021 – Sep 2022	**HMS,** As a Software Developer at HMS Industrial Networks, I specialized in writing Python code for testing and optimizing industrial networks. My work involved developing scripts for 'network tap', enabling efficient load testing of network hardware to ensure optimal performance and reliability.

Education

2018 – 2024	**Computer Science – AI**	Halmstad University. I studied Computer Science with a specialization in AI at Halmstad University, covering topics such as mathematics, programming, data mining, and databases. In the final two years, I focused on machine learning, reinforcement learning, and deep learning. My master's thesis explored the use of transformers, graph convolutional networks, and transfer learning for time-series forecasting. I presented this work at the peer-reviewed *Intelligent Data Analysis* conference in Konstanz, Germany, where it was also published. Thesis title: *Forecasting EV Charging Station Occupancy Using ST-GCN And Adapter-Based Transfer Learning.* (Link to Github repo) (Link to Paper)

Skills

AI & ML	Experience developing and evaluating machine learning and deep learning models, including MLPs, CNNs, LSTMs, Transformers, and GCNs. Skilled in methods like clustering, tree-based models, and SVMs. Primarily use PyTorch; also familiar with Keras and OpenAI APIs.
Programming	Proficient in PYTHON and familiar with JAVA, C, C++, SQL, BASH, and LUA. Quick to learn new languages.
Tools	Experienced with Git and Google Cloud services in collaborative and academic projects.
Languages	Native Swedish speaker; fluent in English.