ADAM WILLIAMS
COMPUTER SCIENCE GRADUATE

PROFILE

Recent Computer Science graduate with a focus on Python backend development and machine learning integration. I bring a systems thinking approach to software development, enjoying the challenge of optimizing performance and building maintainable, scalable solutions. With experience across the full stack and a passion for collaborative problem-solving, I'm eager to contribute to projects that require both technical rigor and creative solutions.

PROJECTS & EXPERIENCE

COMPLIANCE AUTOMATION PLATFORM
Tech-lead & Co-founder, compliance automation app | ongoing (2025)
- Architecting full-stack solution from database design to frontend implementation, with emphasis on modular and scalable system architecture

FINANCE TRACKER WITH ML
Full-stack personal finance application | 2024
- React/Django application with integrated ML for automated expense categorization and spending trend predictions

JOB HUNTER APP
NLP-powered job search tool | ongoing (2025)
- Python application that fetches job listings via APIs and web scraping, using NLP to provide personalized summaries and keyword filtering

RESEARCH PAPER
Bachelor's Thesis on CNN Image Classification | 2024
- "A Comparison of Approaches to Image Classification using Convolutional Neural Networks."

ADDITIONAL EXPERIENCE

HOTEL STAFF
Hotel Kittelfjäll | 2019 - 2020
- Adapted to multiple operational roles, gaining insight into business operations, developed strong collaborative skills and learning to optimize workflows under pressure.

NIGHT-RECEPTIONIST
Hotel Elite Mimer | 2018 - 2019
- Worked independently managing complex situations, strengthening time management, responsibility, and confidence in solving problems under pressure.

EDUCATION

COMPUTER SCIENCE PROGRAM
Göteborgs Universitet
2021 - 2024

NATURAL SCIENCES
Göteborgs Universitet
2020 - 2021

TECHNOLOGY PROGRAM
Dragonskolan Umeå, gymnasium

SKILLS

CORE
Python (primary), Java, C#, JavaScript

MACHINE LEARNING
Scikit-learn, PyTorch, Pandas, NumPy, CNNs, NLP

WEB & BACKEND
FastAPI, Node.js, Django, Flask, JWT

FRONTEND
HTML, CSS, React

TOOLS & DEVOPS
Git, Docker, Google Cloud, Azure, CI/CD, Jupyter, DBeaver

DATABASES
SQL & noSQL: PostgreSQL, MySQL MongoDB

METHODOLOGIES
Agile collaboration, Performance optimization, System architecture design

COMMUNICATION
Native Swedish, fluent English