

ARMIN IRVIJE

armin.irvije@gmail.com | [linkedin.com/in/arminirvije](https://www.linkedin.com/in/arminirvije) | arminirvije.com | github.com/Armin-Irvije

EXPERIENCE

AI/ML Engineer Intern

Copenhagen, Denmark

Juris Legal - AI legal Startup

February 2026 - Present

- Architecting an automated evaluation framework for a production legal RAG system using **ragas.io** to replace manual answers validation workflows
- Integrated LLM-as-a-judge evaluation pipelines using **LangChain** and **Azure OpenAI** to automatically score legal responses against retrieved context and reference answers
- Extended FastAPI backend to support evaluation workflows and logging, enabling comparison of system versions
- Tools used: FastAPI, LangChain, Azure OpenAI (GPT-5.1), FAISS, Azure VM, ragas.io

Jr Machine Learning Engineer

San Diego, CA

SDSU Research Foundation

July 2024 - August 2025

- Engineered and deployed a Siamese Neural Network for DNA base classification, achieving **95%** accuracy
- Created an **end-to-end ETL** pipeline to extract raw sequencing data, transformed features into model-compatible formats, and loaded clean datasets for model training
- Reduced model testing time by **50%** by integrating **GitLab CI/CD** to automate preprocessing, training, and deployment
- Optimized training performance by leveraging **CUDA** acceleration and integrating **MLflow** for experiment tracking
- Tools used: Python, PyTorch, Numpy, Pandas, GitLab, MLflow, CUDA

Software Developer Intern (Remote)

Dublin, Ireland

Sports Impact Technologies - Startup that develops a wearable sensor to monitor head impacts

June 2023 - August 2023

- Programmed the company's **first production-ready** web application, implementing responsive front-end architecture with HTML, CSS, and JavaScript to support customer engagement and lead generation
- Integrated **REST APIs** for automated email workflows and real-time form validation
- Followed software engineering best practices, including **code reviews**, **documentation**, and **unit testing**

Languages & Libraries: Python, C++, JavaScript, Java, SQL, PyTorch, Scikit-learn, NumPy, pandas, MLflow, PostgreSQL

Tools: Gitlab CI/CD, Jupyter, Supabase, Vercel, Electron, Git

PROJECTS

BatchPhoto Studios | Freelance Project | Electron, Python, Rembg, HTML, CSS, JavaScript

- Engineered a cross-platform desktop app for automated background removal and file renaming, delivering a **5x** enhancement in batch photo processing speed for end users

Attendance Tracker | Freelance Project | React, TypeScript, Vite, Tailwind, PostgreSQL, Node.js

- Developed a full-stack web application with a comprehensive client management system, serving Unified ESL service providers with streamlined attendance workflows and real-time data synchronization via **Supabase** database
- Achieved **40%** improvement in attendance tracking efficiency by automating the manual process

EDUCATION

University of Copenhagen

Graduation June 2027

Master of Science, Computer Science

University of California, Davis

June 2024

Bachelor of Science, Computer Science