

Tobi Salam

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EDUCATION

B.Sc. Computer Science (AI Specialization), University of Saskatchewan, Saskatoon, SK
May 2027

WORK EXPERIENCE

AI Research Engineer Intern, Neuromatch (Remote) Jul 2023 – Aug 2023

- Designed and deployed a **sentiment analysis system** using **Twitter data**, achieving **91% test accuracy**.
- Fine-tuned a **BERT-based classifier** with linear and dropout layers for better generalization.
- Built an **end-to-end NLP pipeline** (preprocessing, tokenization, training, evaluation) with **PyTorch**.
- Led a research team, presenting **AI advancements** and project progress.

PROJECTS

CalenDue - 1st Place, Co.Hack 2025 calendue.ai

- Developed and deployed an AI-powered syllabus parser that extracts assignments/exams and exports to Google Calendar, Apple Calendar, and Canvas using **Claude Sonnet 4 API**
- Integrated secure authentication with Clerk and end-to-end AI pipeline for document parsing and structured output generation
- Pitched and demoed to judges; winning 1st place among **10 teams**

Stock Price Prediction Model [GitHub](#)

- Developed a **Flask-based** stock prediction application to analyze market trends for major tech corporations including Google, Microsoft, and Apple
- Integrated the yfinance API for real-time data ingestion, optimizing backend query performance to secure **30% faster** data retrievals
- Deployed a predictive model within the application architecture that achieved an **85%** accuracy rate in forecasting stock price movements

String - Best Tech, Cultivator's 24-Hour Startup Hackathon string-pre-alpha.vercel.app

- Built and deployed a full-stack STEM social platform with integrated marketplace and community-driven content moderation system
- Implemented a **tag-based recommendation engine** using post tags to surface relevant content based on user engagement patterns.
- Awarded **Best Tech** out of **7 teams**.

LEADERSHIP

Co-Chair, Artificial Intelligence Saskatchewan (AiSK) Student Network Oct 2024 – Present

- Co-lead a provincial student AI community; organized Saskatchewan's **first student-led AI hackathon** ("Prompt 2 Pitch") focused on building and pitching AI products
- Recruited and managed a **5-person organizing committee**; attracted **35 participants** across **6 teams** and secured sponsorship from **4 companies**.
- Set up a collaboration with **IBM watsonX** to deliver a technical workshop for participants, giving students hands-on exposure to production-grade AI tools

TECHNICAL SKILLS

Languages:	Python, SQL, C, Javascript
ML Libraries:	PyTorch, TensorFlow, scikit-learn, NumPy
GenAI Tools:	Claude (LLMs), OpenAI API, LangChain
Frameworks & Tools:	Flask, Django, Next.js, Git