

NORAH HAQUE

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EDUCATION

University of Minnesota, College of Science and Engineering

Minneapolis, MN

Bachelor of Science in Computer Science & Finance

Dec 2026

- **GPA:** 4.0
- **Coursework:** Intro to Algorithms and Data Structures, Machine Architecture and Organization, Computational Linear Algebra, Discrete Structures, Introduction to Probability and Statistics, Applied Machine Learning

SKILLS

- **Languages:** Python, JavaScript, TypeScript, Java, C, HTML, CSS, SQL
- **ML Libraries:** PyTorch, TensorFlow, scikit-learn, NumPy, Pandas
- **Frameworks:** React, Next.js, Express, React Native, Node.js
- **Backend:** FastAPI, REST APIs, Firebase, PostgreSQL
- **Tools:** Git, Docker, Bash, Conda, Linux, Excel
- **Concepts:** Deep Learning · Transformers · OOP · Authentication · Full-Stack Dev · Model Evaluation

EXPERIENCE

Data Science and AI Hub (DSI)

Machine Learning Teaching Assistant

May 2025 - Present

- Support PhD- led instruction for 90+ high school students in advanced ML concepts like deep neural nets, CNNs, generative models, transformers, reinforcement learning
- Guide Python-based labs using PyTorch, scikit-learn, and TensorFlow

University Honors Program

Peer Assistant

Sep 2024 - Present

- Coordinate operations for 500+ honors students using Excel and internal scheduling tools

TURBO

Undergraduate Research

Oct 2024 - Present

- Built Python pipelines for ingesting telescope image data into PostgreSQL
- Integrated data workflows into the SkyPortal platform with Git-based version control and deployment

PROJECTS

SMIC Mobile App Developer (Ongoing)

July 2025-Present

- Building an app for 700+ Muslims in South Metro MN with prayer times, event calendar, announcements, user login
- Using React Native, Firebase Auth, Firestore, and Tailwind

Spam Classifier Web App

Jan 2025

- Developing a full-stack web app with FastAPI, PyTorch, Next.js, and Docker setup to detect spam messages

LEADERSHIP, INVOLVEMENT, & TECHNICAL OUTREACH

College of Science and Engineering Student Board

Director (DEI Committee)

Oct 2024 - Present

- Led planning and execution of campus-wide DEI events and initiatives
- Launched STEM for All, a mentorship program pairing CSE undergrads with underserved high school students

ACM-W

Webmaster

Dec 2025 - Present

- Rebuilding ACMW site with Next.js, TypeScript, and Tailwind, replacing Drupal with a fast, interactive, component-based architecture
- Organize workshops and events to support women in computing