

NORAH HAQUE

norah.haque@gmail.com • norahhaque.com • linkedin.com/in/norahhaque/ • github.com/norahhaque

EDUCATION

University of Minnesota, College of Science and Engineering

Minneapolis, MN

Bachelor of Science in Computer Science & Finance

Sep 2024- 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

University Honors Program

Peer Assistant

Sep 2024 - Present

- Coordinate operations for 500+ honors students using Microsoft Office Suite and internal scheduling tools

TURBO

Undergraduate Research

Oct 2024 - Present

- Developed Python ETL pipelines to load scientific telescope data into PostgreSQL
- Integrated software into the SkyPortal platform with version control (Git) and deployment workflows

PROJECTS

SMIC Mobile App Developer (Ongoing)

July 2025-Present

- Building a Firebase-backed app used by 700+ users for local event access, prayer times, and announcements
- Involved in feature planning, user feedback collection, and iterative development with React Native

Spam Classifier Web App

Jan 2025

- Built an end-to-end spam detection app with FastAPI backend and PyTorch neural network
- Implemented RESTful API endpoints, vectorization, model testing, and Docker-based deployment

LEADERSHIP, INVOLVEMENT, & TECHNICAL OUTREACH

College of Science and Engineering Student Board

Director (DEI Committee)

Oct 2024 - Present

- Lead planning and execution of campus-wide DEI events and initiatives alongside 10+ departments & organizations
- Launched STEM for All, a mentorship program pairing CSE undergrads with underserved high school students

ACM-W

Webmaster

Dec 2025 - Present

- Rebuilding organization website using Next.js and TypeScript, improving load speed and maintainability
- Support 6+ annual events and technical workshops aimed at underrepresented students in tech