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

- **Programming Languages**: Python, Java, C, Javascript, TypeScript, HTML, CSS
- **Frameworks**: React, Next.js, Node.js, Express, PyTorch, scikit-learn, TensorFlow, Pandas, NumPy, Matplotlib
- **Databases**: PostgreSQL, MongoDB
- **Tools/Platforms:** Git, Docker, Bash, Linux, Excel
- **Concepts**: REST APIs, Authentication (OAuth), OOP, Full-Stack Dev, Data Structures & Algorithms

EXPERIENCE

Data Science and AI Hub (DSI)
Machine Learning Teaching Assistant May 2025 - Present
- Support PhD- led instruction for 60+ high school students in the UMN DSI AI Explorers Summer Program
- Teach machine learning concepts like deep neural networks, convolutional architectures, generative models, transformers, and reinforcement learning using libraries like TensorFlow, PyTorch, and scikit-learn.

University Honors Program

Peer Assistant Sep 2024 - Present
- Manage scheduling and inquiries for 500+ honors students using Excel, Google Workspace, & online check-in software

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, and Next.js to detect spam messages

Undergraduate Research Oct 2024 - Present
- Developed Python scripts for image processing and PostgreSQL data ingestion for a global telescope array project
- Contributed to integrating data pipelines into the SkyPortal platform with version control in Git

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 ACM-W website with a modern web stack (Next.js, Tailwind CSS, TypeScript) to improve performance and design
- Coordinate technical workshops and social events with the officer team