

NORAH HAQUE

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EDUCATION

University of Minnesota, College of Science and Engineering

Minneapolis, MN

Bachelor of Science in Computer Science & Finance

Sep 2024- May 2027

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

SKILLS

- **Languages:** Python, JavaScript, TypeScript, Java, C, HTML, CSS, SQL, Bash
- **Frontend / Frameworks:** React, Next.js, React Native, Tailwind CSS, Framer Motion
- **Backend / APIs:** Node.js, Express, FastAPI, REST APIs, GraphQL, Firebase, PostgreSQL, MongoDB
- **Data Science:** PyTorch, TensorFlow, scikit-learn, NumPy, Pandas, Matplotlib, Seaborn
- **DevOps / Tools:** Git, Docker, Linux, CI/CD, Conda, Excel

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 ((Telescope Ultra-Resolution Binary Observatory)

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 – In Development

Aug 2025 - Present

- Developing a cross-platform app for 700+ users with event access, announcements, and prayer times
- Leading feature planning, user feedback collection, and iterative development with React Native, Expo, and TypeScript
- Integrating Firebase Authentication, Firestore, and CI/CD pipelines for seamless updates

ACM-W Chapter Website

Jun 2025

- Developed organization website with Next.js, TypeScript, and Tailwind CSS
- Managed version control and automated deployments via Git + Vercel

LEADERSHIP, INVOLVEMENT, & TECHNICAL OUTREACH

College of Science and Engineering Student Board

DEI Committee Director

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

Technical Lead

Dec 2025 - Present

- Rebuild and maintain organization website, improving load speed and maintainability
- Support 6+ annual events and technical workshops aimed at underrepresented students in tech