# NORAH HAQUE

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## EDUCATION

*University of Minnesota, College of Science and Engineering*     *Minneapolis, MN*
**Bachelor of Science in Computer Science & Marketing**     Sep 2024- Dec 2026
- **GPA:** 4.0
- **Coursework:** Algorithms and Data Structures, Machine Architecture and Organization, Computational Linear Algebra, Discrete Structures, Probability and Statistics, Applied Machine Learning, Principles of Marketing

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

## PROJECTS

**SMIC Mobile App – In Development**     Aug 2025 - Present
- Leading development of a cross-platform app for 700+ users with event access, announcements, and prayer times
- Driving feature planning, user feedback collection, and iterative updates to enhance usability and adoption
- Building with React Native, Expo, and TypeScript; integrating Firebase Authentication, Firestore, and CI/CD pipelines
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**ACM-W Chapter Website**     Jun 2025
- Designed and deployed organizational website with Next.js and TypeScript, improving digital presence and accessibility
- Managed project lifecycle from requirements gathering to launch, coordinating with leadership to meet branding goals
- Implemented automated deployments via Git + Vercel, streamlining updates and version control

## LEADERSHIP, INVOLVEMENT, & TECHNICAL OUTREACH

*College of Science and Engineering Student Board*

**DEI Committee Director**     Oct 2024 - Present
- Direct DEI initiatives across 10+ departments, driving alignment between student needs and institutional goals
- Founded "STEM for All," a mentorship program connecting undergraduates with underserved high school students

*ACM-W*

**Technical Lead**     Jan 2025 - Present
- Lead technical rebuild of organization website, improving maintainability and load speed for 200+ members.
- Support 6+ annual events and technical workshops aimed at gender minorities in tech