

# Nilava Saha

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## Work Experience

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**UTeach Outreach, College of Natural Sciences** — *Full-Stack Dev/Teacher* Jun 2023 – Apr 2025

- Mentored college students while co-developing educational content and lesson frameworks, fostering collaborative learning environments and academic skill development.
- Developed internal web application to streamline on-site operations, reducing user confusion and improving workflow efficiency through intuitive interface design and clear navigation.
- Designed and delivered hands-on STEM curriculum using interactive experiments and practical demonstrations to enhance student comprehension and engagement in technical concepts.
- Managed point-of-sale transactions with accuracy and efficiency, maintaining compliance with cash-handling procedures.

**Walmart Supercenter** — *Front-End Associate* Jul 2021 – Sep 2023

- Supervised and coordinated 8–12 associates, improving team efficiency and customer satisfaction through effective training, task delegation, and morale-building initiatives.
- Delivered responsive customer service by handling inquiries, resolving issues, and ensuring a seamless experience.
- Supported operational improvements by implementing best practices that reduced wait times and enhanced overall store workflow.
- Managed point-of-sale transactions with accuracy and efficiency, maintaining compliance with cash-handling procedures.

## Organization

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**FIRST Robotics** — *Time Management, Programming, Documentation, Engineering*

- Built autonomous robots for high-stakes competitions, implementing complex mechanical systems and programming solutions to complete challenging multi-stage tasks.
- Programmed competitive robots using C-based embedded systems, deployed on an Android server to enable remote operation and real-time control via wireless connectivity.

**Science Olympiad** — *Time Management, Leadership, Documentation, Engineering*

- Managed cross-functional engineering team through competitive design challenge, overseeing technical development, task delegation, and quality assurance to meet rigorous competition standards.
- Participated in multiple academic competitions as a founding member of a newly-established club, leading the team to regional qualifications within the first year of organization.

**National Honor Society** — *Time Management, Leadership*

- Served as a member of the National Honor Society, maintaining academic excellence while contributing to community service initiatives and leadership development programs.

**Volunteering** — *Community Organization*

- Completed over 100 hours of community volunteer service across local libraries, schools, and parks, supporting educational programs and public facility maintenance initiatives.

## Education

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**University of Texas at Austin** — *B.S. Computer Science* 2021 – 2025

Data Structures, Operating Systems, Computer Architecture, Ethical Hacking, Cloud Computing, Algorithms

## Skills

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**Languages:** English (Native), Bangla (Native)

**Skills:** Team-Leadership, Problem-Solving, Communication, Customer Service, Teamwork/collaboration, Time Management, Organization, Multi-tasking, Flexible, Fast-learner, Digital Literacy, Computer Proficiency, Money Handling, PPE Trained

**Applications:** Word, Excel, PowerPoint, General Programming