

Nandana Sheri

(312)-662-2272 | nandanasheri@gmail.com | nandana.dev | linkedin.com/in/nsheri | github.com/nandanasheri

EDUCATION

University of Michigan, Ann Arbor

Expected Graduation: **May 2027**

Masters of Science in Computer Science and Engineering

University of Illinois Chicago (UIC)

May 2025

Bachelor of Science in Computer Science | GPA: **4.0** | Honors: **Summa Cum Laude, Dean's List**

- **Relevant Coursework:** Software Engineering I | Secure Web App Development | Artificial Intelligence
- **Professional Affiliations:** Stanford TreeHacks 2025 Winner | Tapia Scholarship Recipient | Google exploreCSR

SKILLS

Programming Languages: Python, JavaScript, TypeScript, SQL, C/C++, Java

Frameworks: React, Node, Express, Flask, Astro, Tailwind, Git, Figma, AWS, Pandas, PyTorch, Jira, Postman, LangChain

RELEVANT EXPERIENCE

LLM Researcher | UIC Department of Computer Science, Chicago IL

June 2025 - Present

- Building a reproducible LLM evaluation pipeline using LangChain and Ollama, aiming to benchmark multimodal LLM accuracy in generating radiology reports across **50 X-ray scans**, improving diagnostic reliability.

Software Engineering Intern | CNA Insurance, Chicago IL

June 2024 - Aug 2024

- Enhanced user experience for **43,000+ insurance agencies** by migrating legacy jQuery-based components to React.js for the CNA Surety Portal (online.cnasurety.com).
- Reduced bond cancellation processing time from **1 week to 2 minutes** by automating request submissions with PrimeReact and SOAP API integration.
- Collaborated effectively in **2 week** Agile sprints, leveraging pair programming to deliver robust solutions aligning technical work with critical business objectives.

Head Teaching Assistant | UIC Department of Computer Science, Chicago IL

Jan 2022 - May 2025

- Guided over **300 students** across 4 courses (Advanced Data Structures, Program Design I & II, and Discrete Mathematics) by debugging in C++ & Python through weekly office hours.
- Created over **7 "jumpstart"** slide decks and starter code templates for projects, boosting student readiness.

Software Engineering Intern | LitPath, Remote

May 2023 - Aug 2023

- Designed and developed an in-house Therapist Admin Portal with React.js and MySQL for a nonprofit health provider (litpath.org), empowering staff to efficiently create, edit and search across **40,000+ therapist profiles**.
- Eliminated dependence on a third-party data provider by building efficient RESTful API routes using Sequelize.

PROJECTS

Chat R3wind | React, TypeScript, Astro, Node, Recharts

Aug 2024 - Jan 2025

- Built an application (r3wind.chat) that generates Spotify Wrapped-style summaries of WhatsApp chat archives averaging **10,000 messages** entirely in-browser preserving **100% data privacy**.
- Designed interactive chat insights (top texters, response time, emojis, streaks) to help users reflect on their WhatsApp habits — all rendered using TypeScript and Recharts.

SurviveX (Stanford TreeHacks Winner) | ExecuTorch, Llama 3.2-1B, Swift

Feb 2025

- Built and deployed a real-time [Embedded AI survival assistant](#) on Apple Vision Pro using Llama 3.2-1B model, running on-device with ExecuTorch; won Stanford TreeHacks out of **300 participants**.
- Fine-tuned Llama using TorchTune using an NVIDIA H100 on survival scenarios to improve contextual accuracy.

Timesheet Automate | Google Calendar API, OAuth2, Express, React, Node

May 2024 - June 2024

- Created a tool to eliminate repetitive timesheet submissions for Teaching Assistants at UIC by auto-generating reports using Google Calendar API and OAuth2, cutting submission time from **10 minutes to 5 seconds**.

LEADERSHIP & EXTRACURRICULARS

Women in Computer Science | President

June 2022 - May 2025

- Increased membership by **30%** by hosting over **20 professional skill-building events**, engaging **450 students**.
- Launched a Dev Project cohort for **over 50 students** to gain real-world experience by building web apps in teams, helping bridge the gap between coursework and practical development.

SparkHacks: UIC Hackathon | Director

Jan 2023 - Feb 2024

- Managed 5 teams and raised **\$40,000** by collaborating with 8 companies to host a hackathon for 300 students.