

Nandana Sheri

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EDUCATION

University of Illinois at Chicago (UIC)

Graduation: May 2025

Bachelor of Science, Computer Science | GPA: 4.0 | Honors: Dean's List (Aug 2021 - Present)

Relevant Coursework: Software Engineering | Secure Web App Development | Data Analytics | Operating Systems

Professional Affiliations: Tapia Scholarship Recipient | Harvard WECODE Fellow | Google exploreCSR

SKILLS

Programming Languages: C++, Python, Java, C, F#, JavaScript, SQL

Frameworks / Technologies: React.js, Node.js, Express.js, Git, REST APIs, Tailwind CSS, AWS, Agile, MERN, Figma

RELEVANT EXPERIENCE

CNA Insurance | Software Engineering Intern

June 2023 - Aug 2023

- Led the redevelopment of the [CNA Surety Portal](#), modernizing it with Google Cloud Platform, React.js, and TypeScript serving over 43,000 agencies.
- Simplified bond renewal cancellations by automating processes with PrimeReact and SOAP API, reducing processing time from 1 week to 2 minutes and significantly improving user experience.

Department of Computer Science - UIC | Head Teaching Assistant

Jan 2022 - Present

- Supported over 400 students by debugging in C++ & Python through regular office hours for 4 courses: Data Structures, Program Design I, Program Design II, and Discrete Mathematics.
- Facilitated weekly labs for over 40 students along with in-person exam review sessions and graded assignments.

Develop for Good | Software Engineering Intern

May 2024 - Aug 2024

- Engineered a full-stack React Admin Portal with a MySQL backend for LitPath, streamlining the management of 40,000+ therapist records and enhancing operational efficiency by 30%.
- Created and implemented robust API routes using Express.js and Sequelize to optimize data retrieval and updates for therapist profiles, improving data accuracy by 25%.

Northwestern University | Research Assistant

April 2024 - Aug 2024

- Implemented machine learning models using Hugging Face's Wav2Vec2Phoneme Transformer for [speech disorder classification](#) in children aged 3-5, achieving a 20% increase in diagnostic accuracy.
- Created and optimized predictive annotation and classification models, improving annotation efficiency by 30%.

PROJECTS

Chat R3wind | Astro, React, Node, Recharts, Qwen2.5 WebLLM

Aug 2024 - Dec 2024

- Developed a privacy-focused application ([r3wind.chat](#)) that creates a Spotify-like-Wrapped on Whatsapp chat archives with in-browser scripts and LLM model through data visualizations.

Silent Spaces Locator | MongoDB, Express, React, Node, Git

Jan 2024 - April 2024

- Created a full stack web application ([silentspaces.info](#)) over 16 weeks to assist students in finding optimal study spots on campus, pooling user data across 40 locations for real-time noise levels, ambiance, and WiFi quality.

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

May 2024 - June 2024

- Reduced manual entry time from 10 minutes to 5 seconds by designing an [application](#) that pulls user's working hours from Google Calendar and automatically generates a detailed PDF timesheet for submission.

LEADERSHIP & EXTRACURRICULARS

Women in Computer Science | President

June 2022 - Present

- Increased membership by 30% by hosting over 20 professional skill-building events and overseeing an executive board of 15 officers, engaging approximately 350 students.
- Launched a program for members to collaborate on a 16-week side project, enhancing their coding skills.

SparkHacks: UIC Hackathon | Co-Director

Jan 2023 - Feb 2024

- Managed 5 teams and raised \$40,000 by collaborating with 8 companies to host a hackathon for 300 students.
- Boosted hacker retention rate from 45% to 80% by organizing technical workshops and diverse project tracks.

Meta: Above and Beyond Computer Science Program | Technical Interview Course Scholar

Aug 2022 - Oct 2022

- Selected among 2,500 applicants for a 10-week course in tackling technical interviews and data structures.