

SAMAKSH ARORA

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EDUCATION

Wayne State University – College of Engineering

Bachelor of Science in Computer Science, Irvin D. Reid Honors College

Detroit, MI

Expected graduation: May 2028

Major: Computer Science | Minor: Mathematics

Cumulative GPA: 3.95

Relevant Coursework: Data Structures and Algorithms, Linear Algebra, Discrete Math, Calculus I/II/III

PROFESSIONAL EXPERIENCE

Uber

San Francisco, CA

Career Prep Fellow – Software Engineering Career Development

Dec 2025 – Present

- Collaborate in 1:1 mentorship sessions with Uber engineers, applying feedback to improve code quality, and project architecture
- Strengthen problem-solving and system design thinking by applying industry SWE hiring standards to real-world projects
- Complete 5+ workshops led by industry professionals, strengthening DSA fundamentals and technical problem-solving

Kid Ink (New Lab)

Detroit, MI

Software Engineering Intern – Tech Education and Innovation

Sep 2025 – Dec 2025

- Developed and deployed 2 event-driven web platforms supporting 200+ users centralizing schedules, speakers, and registrations
- Improved site performance to <2s load times by optimizing UX, information architecture, and responsive layouts
- Iterated rapidly based on feedback, shipping updates within 48 hours, aligning with the fast-paced needs of an early-stage startup

Wayne State University

Detroit, MI

Full Stack Development Intern – Student Engagement Platform

Apr 2025 – Aug 2025

- Built Prizeversity, a full-stack web app (React + Node.js) to gamify extra-credit challenges, boosting student engagement by 25%
- Integrated Google OAuth 2.0 for secure login and RBAC, enabling domain restrictions and automated email notifications
- Leveraged MongoDB to manage class feedback and track rewards, aiding a scalable backend and reducing query latency by 40%

PROJECTS

GSCMA Internal Management System | github.com/samaksh-arora/GSCMA

Detroit, MI

Full Stack Application – React, Node.js + Express, MongoDB, Firebase Authentication

Nov 2025 – Jan 2026

- Built and deployed a full-stack web app supporting 400+ members, centralizing organizational operations into a single platform
- Automated previously manual workflows, reducing administrative effort by 60%, enabling board to manage operations at scale
- Reduced administrative errors by 70% by replacing manual permission handling with automated RBAC based authorization

Drink Up! | github.com/samaksh-arora/win hacks2025

Windsor, ON

Win hacks 2025 Winner – Next.js, Flask, SQLite

Feb 2025 – Feb 2025

- Programmed a water logging game using Next.js and Flask to enable 100+ users to track daily water intake and improve hydration
- Created a reward system featuring 27 unique, self-designed badges, enhancing user engagement and retention throughout gameplay
- Utilized SQLite database management, ensuring 99% data accuracy in tracking user profiles, badges, and points across sessions

EXTRACURRICULAR EXPERIENCE

Alpha Kappa Psi – Professional Business Fraternity

Detroit, MI

Recruitment Chair – Beta Omicron Chapter

Apr 2025 – Dec 2025

- Managed and executed 7 recruitment events attended by 120+ participants, successfully attracting high-potential candidates
- Fostered a welcoming environment for prospective members, encouraging engagement among students of diverse background

Audi Alteram Partem: Journal of Law, Science, and Society

Detroit, MI

Founding Tech Lead – Interdisciplinary Research Journal

Jan 2025 – Present

- Build and maintain the official website, ensuring accessibility, timely publication, and seamless user experience across platforms
- Work with editorial and design teams to update content and implement web enhancements aligning with the publication's standards

SKILLS & ENGAGEMENTS

Technical: C++, Python, React, Node.js, Next.js, Flask, HTML/CSS, MongoDB, Firebase, GitHub, PowerBI, Scikit-learn, Vercel

Languages: Hindi (Native), Punjabi (Native), English (Fluent), Urdu (Fluent)

Interests: Badminton, Basketball, Hackathons, Problem-Solving, Volunteering, Website Building