SAMAKSH ARORA

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EDUCATION

Wayne State University – College of Engineering   **Detroit, MI**
Bachelor of Science in Computer Science, Irvin D. Reid Honors College   *Expected graduation: May 2028*
Major: Computer Science | **Minor:** Mathematics   *Cumulative GPA: 3.95*
Relevant Coursework: Programming and Problem Solving (*Python, C++, Java*), Calculus I/II/III, Data Structures and Algorithms

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 RBACl, 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   **Windsor, ON**
Full Stack Application – React, Node.js + Express, Mongo DB, Firebase Authentication   *Nov 2025 – Dec 2025*
● 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!   **Windsor, ON**
Winhacks 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 – Present*
● Managed and executed **7** recruitment events attended by **120+** participants, successfully attracting high-potential candidates
● Fostering 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: Python, C++, HTML/CSS, React, Next.js, Node.js, Flask, Github, PowerBI, Scikit.learn, Vercel, Render, Mongo DB
Languages: Hindi (*Native*), Punjabi (*Native*), English (*Fluent*), Urdu (*Fluent*)
Interests: Badminton, Basketball, Fashion, Fitness, Food, Hackathons, Learning, Problem-Solving, Volunteering, Website Building