

# SAMAKSH ARORA

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## EDUCATION

<b>Wayne State University – College of Engineering</b> <i>Bachelor of Science in Computer Science, Irvin D. Reid Honors College</i> <b>Major:</b> Computer Science   <b>Minor:</b> Mathematics <b>Relevant Coursework:</b> Data Structures and Algorithms, Linear Algebra, Discrete Math, Calculus I/II/III	<b>Detroit, MI</b> <i>Expected graduation: May 2028</i> <b>Cumulative GPA: 3.95</b>
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## PROFESSIONAL EXPERIENCE

<b>Uber</b> <i>Career Prep Fellow – Software Engineering Career Development</i> • Collaborate in <b>1:1</b> 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 <b>5+ workshops</b> led by industry professionals, strengthening DSA fundamentals and technical problem-solving	<b>San Francisco, CA</b> <i>Dec 2025 – Present</i>
<b>Kid Ink (New Lab)</b> <i>Software Engineering Intern – Tech Education and Innovation</i> • Developed and deployed <b>2</b> event-driven web platforms supporting <b>200+</b> users centralizing schedules, speakers, and registrations • Improved site performance to <b>&lt;2s load times</b> by optimizing UX, information architecture, and responsive layouts • Iterated rapidly based on feedback, shipping updates within <b>48</b> hours, aligning with the fast-paced needs of an early-stage startup	<b>Detroit, MI</b> <i>Sep 2025 – Dec 2025</i>
<b>Wayne State University</b> <i>Full Stack Development Intern – Student Engagement Platform</i> • Built <b>Prizeversity</b> , a full-stack web app ( <b>React + Node.js</b> ) to gamify extra-credit challenges, boosting student engagement by <b>25%</b> • Integrated <b>Google OAuth 2.0</b> for secure login and RBAC, enabling domain restrictions and automated email notifications • Leveraged <b>MongoDB</b> to manage class feedback and track rewards, aiding a scalable backend and reducing query latency by <b>40%</b>	<b>Detroit, MI</b> <i>Apr 2025 – Aug 2025</i>

## PROJECTS

<b>GSCMA Internal Management System</b>   <a href="https://github.com/samaksh-arora/GSCMA">github.com/samaksh-arora/GSCMA</a> <i>Full Stack Application – React, Node.js + Express, MongoDB, Firebase Authentication</i> • Built and deployed a full-stack web app supporting <b>400+</b> members, centralizing organizational operations into a single platform • Automated previously manual workflows, reducing administrative effort by <b>60%</b> , enabling board to manage operations at scale • Reduced administrative errors by <b>70%</b> by replacing manual permission handling with automated <b>RBAC</b> based authorization	<b>Detroit, MI</b> <i>Nov 2025 – Jan 2026</i>
<b>Drink Up!   <a href="https://github.com/samaksh-arora/winhacks2025">github.com/samaksh-arora/winhacks2025</a></b> <i>Winhacks 2025 Winner – Next.js, Flask, SQLite</i> • Programmed a water logging game using <b>Next.js</b> and <b>Flask</b> to enable <b>100+</b> users to track daily water intake and improve hydration • Created a reward system featuring <b>27</b> unique, self-designed badges, enhancing user engagement and retention throughout gameplay • Utilized <b>SQLite</b> database management, ensuring <b>99%</b> data accuracy in tracking user profiles, badges, and points across sessions	<b>Windsor, ON</b> <i>Feb 2025 – Feb 2025</i>

## EXTRACURRICULAR EXPERIENCE

<b>Alpha Kappa Psi – Professional Business Fraternity</b> <i>Recruitment Chair – Beta Omicron Chapter</i> • Managed and executed <b>7</b> recruitment events attended by <b>120+</b> participants, successfully attracting high-potential candidates • Fostered a welcoming environment for prospective members, encouraging engagement among students of diverse background	<b>Detroit, MI</b> <i>Apr 2025 – Dec 2025</i>
<b>Audi Alteram Partem: Journal of Law, Science, and Society</b> <i>Founding Tech Lead – Interdisciplinary Research Journal</i> • 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	<b>Detroit, MI</b> <i>Jan 2025 – Present</i>

## 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