

Sushrut Warekar

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EDUCATION

University of Illinois at Urbana-Champaign | *Bachelor of Science in Computer Engineering*

Expected May 2027

Relevant Coursework

GPA 3.97

Analog Signal Processing, Data Structures & Algorithms, Probability with Engineering Applications, Discrete Structures

Metea Valley High School | *Aurora, Illinois*

May 2023

Summa Cum Laude graduate

GPA 4.67/4.00

WORK EXPERIENCE

UIUC Center for Academic Resources in Engineering (CARE) | *Tutor*

August 2024 – Present

- Provided academic support and guidance to engineering students for STEM courses, building for them a strong understanding of course material and improving problem-solving skills
- Assisted students in developing effective study strategies and time management techniques to navigate the fast-paced engineering curriculum and maintain academic performance
- Contributed to the C.A.R.E. program's mission by participating in drop-in tutoring sessions and offering personalized, step-by-step support to address individual student needs

UIUC Department of Mathematics | *MATH 257 Classroom Assistant (CA)*

January 2025 – Present

- Guided students during Python-based Linear Algebra labs, focusing on numpy methods and debugging code
- Held weekly office hours and monitored Campuswire to provide timely academic support
- Assisted TAs in facilitating discussion sections and ensured student's work upheld academic integrity standards

LEADERSHIP & ACTIVITIES

Personal Projects

Headstarter Fellowship | *S.W.E. Fellow*

July 2024 – September 2024

- Developed projects such as an inventory management system, AI chat bot, and AI-driven applications, utilizing JS, React, Next, Node.js, Firestore, and cloud services like Vercel and AWS
- Participated in weekly AI-run mock coding interviews to enhance technical skills and prepare for real-world coding challenges

University of Illinois at Urbana-Champaign

Ghungroo Dance Company | *Member*

August 2024 – Present

- Perform in high-energy group routines blending many traditional and modern styles for university and external audiences
- Collaborate with a diverse team to choreograph and execute complex sequences, showcasing adaptability and teamwork
- Contribute to planning and executing an annual showcase, demonstrating commitment, leadership, and organization

Eta Kappa Nu ECE Honors Society, IEEE | *Member*

August 2024 – Present

- Organize exam reviews, tech talks, and social events to support academic and career development for ECE students
- Provide peer tutoring and lead exam review sessions for ECE courses, contributing over 10 hours of service per semester
- Engage in mentorship programs and networking events to foster connections with industry professionals and alumni

Illini Solar Car | *Member, Electronic Team*

August 2023 – May 2024

- Developed and improved a solar-powered car for the 2024 American Solar Challenge
- Aided in the design, assembly, and testing of circuit boards to refine telemetry functions

Sigma Phi Epsilon | *Member, Recruitment Committee*

August 2023 – May 2024

- Contributed to a 20% membership increase by supporting recruitment efforts and fostering community engagement
- Organized and led community events to boost fraternity visibility, creating impactful experiences that strengthened relationships with students and enhanced campus presence
- Supported personal and professional growth through chapter meetings and workshops

AWARDS & CERTIFICATIONS

Gainger James Scholar

Fall 2024

Grainger College of Engineering Dean's List

Fall 2023, Spring 2024

AAPPL Seal of Biliteracy in Spanish

2023

National Merit Scholar

2023

LANGUAGES

English (Fluent) | Spanish (Advanced) | Marathi (Native) | Hindi (Fluent)