

Sushrut Warekar

sushrut.warekar@gmail.com | (630) 854-6709
www.linkedin.com/in/sushrut-warekar | sushrut-w.github.io/landing-page

EDUCATION

University of Illinois at Urbana-Champaign | *Bachelor of Science in Computer Engineering, Physics Minor* *Expected May 2027*
Relevant Coursework GPA 3.97

Analog Signal Processing, Data Structures & Algorithms, Probability with Engr Appl, Discrete Structures, Digital Systems Lab

Relevant Skills

Signal Processing & Filtering, AM Radio, Assembly, C/C++, SystemVerilog, Python, Microprocessor Design, TTL, FPGA, System-on-Chip

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*

LANGUAGES

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