Hasan Al Saeedi

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SUMMARY

Dedicated Computer Science student at UIUC with practical experience in Python and C/C++. Completed internships at Northwestern University and the University of Arizona, focusing on software development and cybersecurity in Vehicle-to-Vehicle communication. Known for quickly adapting to new teams and demonstrating responsibility and dedication to my projects. I am passionate about my field, as I believe computer science has the power to revolutionize and enhance our world.

EDUCATION

University of Illinois Urbana-Champaign — **Champaign, IL**
Bachelor of Science in Computer Science — **Expected May 2026**
Cumulative GPA: 3.60/4.0
Relevant Coursework: Cyber Security I; Numerical Analysis; Numerical Methods; Intro to Algorithms & Models of Computation; Systems Programming; Distributed Systems; Applied Parallel Programming

WORK EXPERIENCE

University of Illinois Urbana-Champaign — **Champaign, IL**
Course Assistant - CS 277: Data Structures for Data Scientists — **Jan 2024 – Jun 2024**

- Participated in weekly meetings to report student performance, discuss states of assignments to be assigned, and delegate tasks for the next week.
- Developed coding spaces in the Prairielearn environment and practice assignments using Python and Github/Git
- Consistently showed up to Office Hours and explained difficult concepts to students unfamiliar with Computer Science.

University of Arizona - CATVehicle — **Tucson, Arizona**
Undergraduate Researcher — **Jun 2023 – Aug 2023**

- Worked in a student team to design, code, and troubleshoot our simulation programs for our research while using version control software like GitHub.
- Created videos and presentations for the program to showcase work and experiences in the program.
- Presented data and results to Primary Researcher, mentors, and fellow colleagues in the research program.
- Project consisted of creating a system to confirm Physical Message Veracity in a Connected Autonomous System.

Northwestern University - SHyNE Resource — **Evanston, Illinois**
Software Developer Undergraduate Researcher — **June 2022– August 2022**

- Worked alone and with a mentor in a Material Science research team to create a system to create interactive guides to operate X-ray lab equipment.
- Coded and designed 3 online guides that can be used to operate complex machinery.
- Created guide for X-ray Reflectivity using Rigaku SmartLab Gen. 2 X-ray Diffractometer and got hands-on experience with it and its dedicated software.
- Coded classes that generated interactive data structures when called.
- Presented data and results to NNCI (National Nanotechnology Coordinated Infrastructure) REU (Research Experience for Undergraduates) Convocation and fellow members of the NNCI REU Program.

ADDITIONAL SKILLS

C; C++; Python; Linux; JavaScript
Teamwork; Collaboration; Problem-Solving