

Hassan Zaib Jadoon

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PROFILE

Forward-thinking undergraduate at UET Peshawar, currently pursuing a degree in Computer Systems Engineering. Eager to join Crecent Cyber and play a pivotal role in fulfilling their developmental needs. Proficient in C++, Python, HTML, and CSS, with a solid foundation in project management and effective communication skills. Actively serving as an Undergraduate Researcher at SID Lab, UET Peshawar, where I am immersed in exploring innovative solutions in computer systems.

Work Experience

Secured IoT Devices Lab (SID), Onsite – Undergraduate Researcher

July-2023 – Present

- Investigated a diverse array of modern IoT devices and their practical applications in smart agriculture and food preservation, contributing to the advancement of sustainable farming practices.
- Delved deeply into cybersecurity principles, developing a comprehensive understanding of the CIA triads (Confidentiality, Integrity, Availability), and employing strategic approaches to uphold these critical traits in digital systems.
- Gained valuable hands-on experience in the implementation of cryptographic tools, proficiently managing tasks such as encryption, decryption, and digital signature generation to ensure data security and integrity.
- Explored the latest advancements in Large Language Models (LLMs), particularly focusing on innovations in stance detection and sentiment analysis, contributing to the cutting-edge research in natural language processing.
- Studied the functionalities and significance of Network Operations Centers (NOC), Security Operations Centers (SOC), and Security Information and Event Management (SIEM) systems, enhancing comprehension of cybersecurity infrastructure and incident response protocols.

EDUCATION

BSc in Computer Systems Engineering.

Oct 2022 - Aug 2026

University of Engineering and Technology, Peshawar.

Intermediate in Pre-Engineering

Apr 2020 - Aug 2022

Board of Intermediate and Secondary Education, Abbottabad.

PROJECTS

Brick Breaker Game in C++ using SFML. Developed a 2D game using SFML library as part of an Object-Oriented Programming Lab project, demonstrating proficiency in C++ and game development principles.

Portfolio Website Customization & Deployment. Customize and deployed a static web application on Azure as a Task of Microsoft Learn Student Ambassadors program. Visit Deployed Application [Click Me](#).

Portfolio Development. Actively developing a personal portfolio web app utilizing HTML, CSS, JavaScript, and PHP, with approximately 70% completion progress. Explore my ongoing work on [GitHub Pages](#).

ACTIVITIES

- Volunteer – Google Developers Group Peshawar *Aug 2023 – Present*
- Learn Student Ambassador – Microsoft *Nov 2023 – Present*
- Campus Ambassador – The Order of Pen *Mar 2023 – Present*
- Lead – Coding Prodigy Community *Mar 2024 – Present*
- Campus Director – Youth International Conclave *Aug 2023 – Feb 2024*
- Coordinator – Literary and Debating Society UET Peshawar *Nov 2023 – Mar 2024*

OTHER

Other Technical Skills: Computer Hardware, Office 365, Python, C++, Azure, Technical Writing, Project Management, JavaScript.

Soft Skills: Effective Communication, Public Speaking, Leadership, Community Building, Time Management, Problem Solving, Adaptability, Interpersonal Communication, Teamwork, Prioritization.

Certifications: Programming for Everybody (Getting started with Python) **[Coursera]**, Certified Python Elementary Programmer **[Python Career Trainers]**, Html **[Wild Learner]**, Microsoft Learn Student Ambassador **[Microsoft]**.

REFERENCES

References will be provided on demand.