

HANIYA AHMAD KHAN

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Education

Augustana College

Bachelor of Science in Computer Science and Data Science

May 2026

Rock Island, Illinois

Projects

Tic Tac Toe Game | *Python*

June 2024

- Developed a command-line Tic Tac Toe game using Python, enhancing user interaction with a colored board representation.
- Implemented game logic to handle turns, input validation, and win/draw conditions, ensuring a smooth and bug-free gaming experience.
- Incorporated input validation to ensure players only make valid moves, improving overall game stability and user experience.
- Designed the game to allow users to restart the match, providing flexibility and enhancing replay value.

Experience

Headstarter Software Engineering Fellow

July 2024

Project Management

- Building 5 AI projects in 5 weeks, each shipped to 1000 users.
- Participating in hackathons and in-person meetups, fostering a strong network and teamwork skills.
- Focusing on vision, personal branding, networking, project management, and teamwork development.

Entrepreneurial Development Center

May 2024 – Current

Intern

Rock Island, IL

- Created web page designs using Adobe Photoshop and HTML and CSS.
- Developed original graphics, logos, and layouts for websites, brochures, advertisements, and other promotional materials.
- Designed website architecture and user interface with a focus on user experience optimization.

WAUG Radio Software Developer | *JavaScript, GitHub*

January 2024

- Orchestrated seamless integration of new software modules within the WAUG Radio system, ensuring compatibility and maintaining system stability.
- Employed advanced debugging techniques in JavaScript, utilizing tools like Chrome DevTools, to swiftly diagnose and rectify code errors with precision.
- Engineered JavaScript algorithms for real-time transcription of broadcast content onto Betabrite LED displays, optimizing for accuracy and display performance.
- Designed and implemented automation scripts in JavaScript to streamline operations and enhance user experience, integrating seamlessly with the WAUG Radio interface.

Software Engineering Fellow

July 2024 – Current

Community Advisor

Rock Island, Illinois

- Conducted weekly meetings with residents to discuss any issues or concerns.
- Facilitated roommate mediation sessions and provided conflict resolution services.
- Organized and supervised community events, including movie nights, game tournaments, and study groups.
- Provided guidance and support to new students transitioning into the residence hall environment.

DHAI Education System

August 2021 – May 2023

Office Intern

Islamabad, Pakistan

- Worked under the supervision of my Principal, managing social media accounts, creating content (including design and development), and assisting with out-of-home advertising and event management.
- Collaborated with external stakeholders to execute advertising and event projects.
- Demonstrated strong work ethic, attention to detail, and ability to work in a professional environment.
- Developed skills and knowledge relevant to office operations and project management.

DHAI Education System

August 2021 – May 2023

Teaching Assistant

Islamabad, Pakistan

- Taught IGCSE Mathematics, Business, and Economics to high school students.
- Assisted teachers in creating lesson plans and providing instructional materials.
- Graded assignments, tests, and papers according to teacher instructions.
- Provided one-on-one support for special needs students.