

ZAIN WASEEM

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Education

University of Houston

Bachelor of Science in Computer Science

August 2024 – January 2026

Houston, TX

Experience

IT & Web Development Intern

Summer 2023

Texas Department of Criminal Justice

Huntsville, TX

- Assisted in developing and maintaining internal web applications using HTML, CSS, JavaScript, and backend frameworks.
- Troubleshooted, debugged, and optimized web applications, integrating databases with web platforms and creating technical documentation to ensure seamless user experiences and system maintenance.

IT Technician

Feb 2025 - Present

Activate Games

Katy, TX

- Maintenance and enhancement of software and hardware solutions for interactive gaming systems, implement security updates, coordinate system integrations, and conduct technical training sessions to optimize both system functionality and user engagement.

Projects

User Management and Approval System Web App | *Django, PostgreSQL, LaTeX, Makefile*

March 2025

- Worked as part of a team to develop and enhance a user management system, integrating it with Office365 to handle user authentication and management effectively.
- Added an automated approval process to the system, which includes generating PDF documents for academic requests, improving the system's ability to handle requests efficiently and reliably.

Dictionary Web App | *HTML, CSS, JavaScript, Git, GitHub, Visual Studio Code*

April 2023

- Created a web application that allows users to search for word definitions and synonyms using the Dictionary API.

Auto Correct Java App | *Java, Visual Studio Code, GitHub*

April 2023

- Built an auto-correct application using algorithms, including Levenshtein distance, to enhance the accuracy and responsiveness of spelling suggestions for misspelled words.

Chess Project | *Java, Visual Studio Code*

April 2023

- Developed a digital chess game in Java, applying object-oriented programming principles to create robust game mechanics and logic for various chess piece movements and rules, significantly enhancing coding proficiency and problem-solving skills.

Technical Skills

Languages: C++, Java, C#, HTML/CSS, JavaScript, SQL, Python, LaTeX

Developer Tools: VS Code, Eclipse, AWS, Visual Studio, JCreator

Technologies/Frameworks: React, Bootstrap, GitHub, Node.js, Express.js, Next.js

Relevant Coursework

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|-----------------------|---------------------|----------------------|--------------------|
| • Data Structures | • Management | • Computer | • Cybersecurity |
| • Algorithms | • GitHub | • Architecture | • Data Science |
| • Amazon Web Services | • Operating Systems | • Software Design | • Cloud Computing |
| • Database | • Mathematics | • Security Analytics | • Machine Learning |