

ZAIN WASEEM

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Education

University Of Houston

Bachelors of Science in Computer Science

August. 2024 – January 2026

Houston, TX

Experience

Information Technology Internship

Texas Department of Criminal Justice

Summer 2023

Hunstville, TX

- Assisted in developing and maintaining internal web applications using HTML, CSS, JavaScript, and backend frameworks
- Troubleshoot, debugged, and optimized web applications, ensuring seamless user experiences.
- Integrated databases with web platforms and created technical documentation for system maintenance and updates.

Projects

Dictionary Web APP | *Html, Css, JavaScript, Git, GitHub, Visual Studio Code*

April 2023

- * Developed a web application using HTML, CSS, and JavaScript to enable users to search for word meanings and synonyms.
- * Integrated the Oxford Dictionary API to provide accurate definitions and synonyms, resulting in improved user satisfaction and engagement.
- * Successfully completed the project ahead of the deadline, showcasing excellent problem-solving abilities and effective time management skills.
- * Designed a responsive and user-friendly interface, ensuring seamless functionality across multiple devices and browsers.

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

April 2023

- * Successfully completed an auto-correct application project as part of a school assignment, utilizing advanced programming skills in Java.
- * Implemented an auto-correct algorithm that utilized techniques such as Levenshtein distance and n-gram similarity to suggest the correct spelling of a misspelled word.
- * Demonstrated strong problem-solving skills and attention to detail, resulting in highest scores in class.

Chess Project | *Java, Visual Studio Code, Github*

May 2023

- * Developed a simple chess game using Java in Visual Studio Code.
- * Utilized object-oriented programming principles to model the game's pieces, moves, and rules.
- * Enhanced problem-solving and critical thinking skills through debugging and testing the game.

Technical Skills

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

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

Technologies/Frameworks: React, Bootstrap, GitHub, NodeJs, ExpressJs, NextJs

Relevant Coursework

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|-----------------------|-----------------------|-------------------------|----------------------|
| • Data Structures | • Database Management | • Mathematics | • Security Analytics |
| • Algorithms | • GitHub | • Computer Architecture | • CyberSecurity |
| • Amazon Web Services | • Operating System | • Software Design | • Data science |