

# 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
- Troubleshooted, 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

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