

Hassaan Mubashir

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Education

B.S. Computer Science | GPA: 3.0 | Lamar University | December 2022

Relevant courses:

- Data Structures
- Software Engineering
- Operating Systems
- Algorithms Design and Analysis
- UNIX/C++
- Database Design

Skills & Tools

- Java, Python, C++, SQL, HTML
- IntelliJ IDEA, Git, Eclipse, PyCharm, Windows, Linux, MacOS
- Object-Oriented Programming
- Excellent communication and collaboration skills

Projects

Voting System

- Executed a Java project with a team of students to build a voting system for elections.
- Allowed users to vote for Senate, House, and President/Vice President.
- Added an administrator login that grants access to functions such as registering voters and displaying candidate information, voter information, and election results.
- Included a built-in database class.

UNIX Shell

- Collaborated with a classmate to write a shell in C capable of interpreting and executing command files for basic UNIX commands.
- Utilized PuTTY to access a remote Linux server with a command line interface and WinSCP for transferring files to the server from a local computer.

Portfolio Website

- Worked in HTML/CSS/JavaScript to create an introduction website for showcasing projects.
- Published using GitHub Pages.

Discord Bot

- Coded a bot using a Python API wrapper for Discord that allows users in the server chat to use commands and arguments to automatically fetch statistics for characters from a video game.
- Also allows users to use commands to automatically grab the most optimized setups and builds for queried characters, cutting down time to search by over 50% in contrast to manually searching for information on the sites used.