Zach Dellimore

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SUMMARY:

- Software Test Engineering internship with WillowTree.
- Magna Cum Laude graduate from Western Albemarle High School.
- Proficient with Java, C, C++, JavaScript, Linux, Kotlin, HTML and Azure.

EDUCATION:

Bachelor of Engineering in Computer Science, 2021 - Ongoing
Virginia Commonwealth University, Richmond, Virginia
Junior with a GPA of 3.796 on a 4.0 scale

Courses taken included:
Algorithm Analysis w/ Advanced Data Structures
Machine Learning Database Theory
Data Communication and Networking

EXPERIENCE:

Software Test Engineering Internship, May 2023 to August 2023
WillowTree, Charlottesville, Virginia

- Test Engineer on a project with a Fortune 500 company client.
- Tested my project's Android app using Jetpack Compose.
- Served as Software Developer and Lead test engineer on an internal project.
- Communicated with my team and clients to help deliver an amazing product.

Consumables Team Member, May 2022 to August 2022
Target Charlottesville, Virginia

- I was a Consumables Team Member which Required lots of multi-tasking, leadership, flexibility, and teamwork.

PROJECTS:

Custom C++ Raycaster using the SFML Graphics Library

- Used the SFML Graphics library to create a “Raycaster” that did not need to be constrained to a grid which allowed for concave shapes.
- Used my knowledge of algorithms and Software Development best practices to make my Raycaster without any outside help.

Chess Game with AI and Stockfish integration

- Used the SFML Graphics library to create an efficient Chess game that has the same capabilities as popular chess game websites.
- Used my knowledge of AI to create 4 different chess bots that the player can either play against or watch two of the bots play against each other.

Wordle Type Game Website using Express.js

- Used JavaScript, HTML, and CSS to create a Wordle Type Game website using an Express.js server hosted on Azure.
- Utilized Websockets to make a quick, reliable, and scalable, dictionary look up.