

Jared Alvarado

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Education

CLEMSON UNIVERSITY

B.S. Computer Science
Relevant Coursework: Intro to Programming in Java Programming
Methodology, Algorithms and Data Structures

Clemson, SC
August 2022 - Present

PIEDMONT TECHNICAL COLLEGE

A.S. Associate in Science GPA 3.55
University Studies Certificate High Honors - Magna Cum Laude

Greenwood, SC
August 2022

Work Experience

Walmart

Central, SC

Hard-lines TA

June 2023 – Present

- Provide customers with assistance.
- Collaborate with team members to complete task.
- Maintain a neat and stocked department.
- Perform operations such as gun transfers, and DNR licensing.

GOLDEN MARKET

Laurens, SC

Owner

March 2020 – Present

- Manage day to day business operations.
- Provide primary customer support to internal and external customers.
- Perform lawn care, such as mowing, weed whacking, and herbicide.
- Troubleshoot equipment breakdowns and perform ongoing and preventive maintenance.

Projects

Quiddler Assistant in C

Quiddler is a popular card game where one has a deck of cards comprised of one to two letter each and must use them to create a word. The score is calculated based on what letters you used to create the word. Quiddler helper was created as an aid to Quiddler players, it can calculate possible words to be created based on the input as well as how many points the word is worth.

Caesar-cipher in C++

Caesar cipher encryption technique created by Julius Caesar in an effort to protect classified documents. It works by shifting each letter of the message "x" amount of places from its position in the alphabet. This program has a take of Caesar cipher using a key that changes the amount each character is shifted per iteration. It is capable of encrypting messages as well as decrypting messages that it has encrypted

Connect 4 in Java

- Collaborated with a team to develop an expandable connect four game.
- Supports a board up to 100 x100 and up to 10 players.
- Developed two variations of the game, one being memory efficient and one time.
- Implemented an interface to efficient code off of.
- Created 40 test cases to test the various functions and functionality of the game.

Online portfolio <https://alvara8.github.io/>

- Developed using GitHub pages, HTML, CSS, and JavaScript

Technical Skills

- Languages: Java, C++, C, JavaScript, C#
- Web tools: CSS, HTML, GitHub, .NET