Jamison Coombs

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https://github.com/JCoombs224

Motivated, hardworking, and outgoing Computer Science undergrad with a double Associates degree seeking Software Engineer Internship. Ready to put my education and years of experience working on personal projects to work.

EDUCATION

California State University San Marcos - *San Marcos, CA*
Computer Science - Bachelor of Science

January 2022 - May 2023 (Expected)

MiraCosta College - *Oceanside, CA*
Computer Science - A.D.T
Liberal Arts: Math and Science - A.A

September 2018 - December 2021

PROJECTS

Music Box — Custom Language Compiler *(Javascript, HTML)*
- Parses a simple musical note-based language with Lexical, Syntax, and Semantic analysis generated into intermediate HTML code.
- The musical notes are compiled into an HTML file that will play the inputted notes on a web page when opened.

Custom Formal Grammar — *ANTLR Based GCode Compiler (Python)*
- ANTLR based GCode grammar interpreter written in Python.
- Reads a GCode script file for commands and displays the output of those commands into a python turtle graphical window.

Chess — *(C#)*
- Algorithimcly calculates and shows the possible moves each piece can make on the board.
- AI opponent uses the min-max search and alpha-beta pruning algorithm.
- Graphical interface mainly made from scratch with some help from SFML libraries. All textures/sprites are hand-drawn.

KCThirftStore.com — *Thrift Store Website (HTML, CSS, JavaScript)*
- An E-Commerce website I created and designed for a thrift store based in Oceanside, CA.
- The website uses a custom Shopify Storefront API to process orders to easily add new products to their store without any technical knowledge.

EXPERIENCE

Leucadia Pizza, Carlsbad, CA — *Delivery Driver*

Feb 2020 - PRESENT

Blue Ocean Robata & Sushi Bar, Carlsbad, CA — *Busser/Host/Expo*

Dec 2018 - Jan 2020

Nixon Inc., Carlsbad, CA — *Temporary Assistant*

Jun 2018 - Sep 2018
- Supported technicians with repairs and managed support tickets
- Performed inventory management duties

Proficient Programming Languages and Frameworks:
Java, C++, C#, HTML, CSS, JavaScript, jQuery, Node.js, Python, Assembly

SKILLS
- ❖ Object-Oriented Programming
- ❖ Data Structures
- ❖ Web-Development
- ❖ Computer Architecture
- ❖ Android Development
- ❖ Communication

AWARDS

Dean's List
MiraCosta College

Certifications

Java (Basic) Certificate - HackerRank

Clubs/Participation

Computer Science Club - MiraCosta College

Volunteer Trail Cleanup - Agua Hedionda Lagoon Foundation