

Jamison Coombs

 <https://www.linkedin.com/in/jamison-coombs>

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

*Email for additional contact info

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<https://github.com/ICoombs224>

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

Battle Dots — Custom AI Battle Game (Python, SQL, YAML)

- A game where AI “dots” represented as emojis, battle it out on a gameboard that is stored in an SQL database.
- The database stores the position of all the dots, their team flag, and all the coordinates of the food on the board.
- The AI “dots” compete with each other for food, which spawns a new dot on that team. Once one of the team has enough resources it will flock together to seek out and destroy other dots. The AI finds the nearest food/enemy by using SQL queries and uses a path-finding technique to make its way toward its destination coordinate.

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#)

- Algorithmically 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.

KCThirdStore.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

Programming Languages and Frameworks:

Java, C++, C#, Python,
HTML, CSS, JavaScript,
jQuery, Node.js, Assembly

SKILLS

- ❖ Object-Oriented Programming
- ❖ Data Structures
- ❖ Web-Development
- ❖ Computer Architecture
- ❖ Mobile Development
- ❖ Communication
- ❖ Interpersonal Skills

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