

# JESSE COMETA

COMPUTER SCIENCE UNDERGRADUATE

## CONTACT

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## SKILLS

Python

C / C++

Java

C#

HTML / CSS

Javascript

SQL

MIPS Assembly

Lisp

## EDUCATION

**California State University,  
East Bay**

August 2020 - May 2024

B.S., Computer Science, 3.95

GPA

## PROJECTS

- **Blackjack** (Python)
- **Hangman** (MIPS Assembly)
- **Shell program** (C)
- **Restaurant Website**
- **DVD Manager** (Java)
- **Communications System** (Java)
- **Missionaries and Cannibals** (LISP)
- **Scheduling Algorithms Simulator** (Python)
- **Boggle Solver** (C++)

## EXPERIENCE

### Level 4 Associate

In-N-Out

March 2021 - October 2023

- Performed in a fast-paced environment to provide high quality service while anticipating fluctuations in business flow.
- Ensured efficient communication within the team by managing interactions between positions.

## RELEVANT COURSEWORK

### Programming Language Courses

- Python, C/C++, MIPS Assembly, Java, Web, and more

### Data Structures and Algorithms

- Analyzed and utilized algorithms and data structures:
  - Trees, linked lists, graphs
  - Sorting and search algorithms

### Software Engineering

- Planned, designed, and implemented software programs
- Wrote and performed unit tests on Java applications

### Computer Networks and Security

- Studied the structure of Computer networks
- Created several working computer networks, sent and read data across them, and analyzed their security

### Operating System Development

- Developed an operating system with built-in commands
- Worked closely with the Linux OS in projects analyzing and simulating its processes

### Artificial Intelligence and Automata

- Applied machine learning solutions to problems utilizing search techniques and algorithms with Lisp and Scheme
- Extensively studied language theory

### Database Architecture

- Performed complex searches on databases, operated on its results, and created and designed databases in MySQL

## MY PORTFOLIO

Visit: <https://jesse-with-no-i.github.io/portfolioWebsite/>