

# Isaiah Cruz

San Francisco Bay Area, California  
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## Education

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**University of California, Santa Cruz:** B.S., Computer Science  
September 2019 - June 2022

**Relevant Coursework:** Data Structures/Algorithms - Object-Oriented Programming and Design - Machine Learning - Artificial Intelligence - Web Development - Networking

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## Projects

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### QueueUp

March 2021 - June 2021

Utilized vue.js and Py4Web to build a website aiding gamers in finding suitable teammates based on matchmaking algorithms.

### PacMan Reflexive Agent

March 2022 - June 2022

In Python, designed a self-playing PacMan entity that would move according to one of many algorithms. These algorithms used balanced heuristics to help the entity play well.

### Coder One - Ultimate Volleyball

May 2023

Utilized deep reinforcement learning techniques and various Python libraries to teach a unit of Artificial Intelligence how to play volleyball.

### Gassed Up

March 2023 - Present

Currently designing and developing an app to provide analytics for gas prices across the United States with Amazon Athena.

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## Skills

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**Programming Languages:** Python - Java - C/C++ - HTML5/CSS - Go - JavaScript - SQL

**Tools:** Git - Kubernetes - Linux - Unix Shell - Py4Web - Vue.js - VS Code

**Workflow:** Troubleshooting - Unit Testing - Software Development Best Practices

**Certifications:** AWS Certified Cloud Practitioner, obtained February 20, 2023

- Currently working towards a Salesforce Certified Associate certification.

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## Work Experience

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### Sales Associate - 24 Hour Fitness

August 2022 - February 2023

Assisted in frontline gym operations such as membership sales and member check-ins.

### Patient Care Coordinator - Golden Dublin Optometry

May 2023 - Present

Providing assistance in an optometrist's office environment through tasks including pre-exam patient processing, office record maintenance, and product handling.