

JOHN CARTER LYNCH

760-429-8500

carter@tiogaventures.com

github.com/CarterLynch

SUMMARY

Aspiring Software Engineer with experience in web development and Object-Oriented software development. Seeking to learn new technologies, work with a team, gain industry experience, and contribute to a project.

EDUCATION

University of California: Santa Cruz

Computer Science: Video Game Design B.S.

Santa Cruz, CA

Expected December 2023

Cabrillo College

Computer Science A.S. & Liberal Arts A.A.

Santa Cruz, CA

December 2021

TECHNICAL SKILLS

Languages: C, C++, Javascript, Python, HTML/CSS, Java

Frameworks: Bootstrap, ReactJS,

Developer Tools: Git/Github, VSCode, Linux

COURSEWORK

- **Algorithms & Abstract Data Types:** Implemented abstract data types such as linked lists, stacks, hash tables, trees, heaps, and graphs using C and C++, while performing and analyzing different algorithms on these structures.
- **Computer Architecture & Assembly Language:** Studied the organization of computer systems and wrote programs in MIPS assembly language.
- **Programming Abstractions: Python** Used Python to implement dynamic data structures such as dictionaries and hash tables.
- **C++ Programming** Studied object oriented programming concepts and became familiarized with the C++ standard library.

PROJECTS

Online Photography Portfolio | *AWS, HTML/CSS, Bootstrap*

2022

- jonahsaffran.com
- Developed and published a website using Amazon Web Services and Bootstrap CSS framework.
- Hosts 6K photo/video.

CityView | *Javascript, HTML/CSS, Bootstrap*

2022

- carterlynch.github.io/CityView/
- Developed an application which displays map and weather information for any location.
- Finds the best match for the user-input and fetches relevant data using API's.

EXPERIENCE

Pacific Home Design

August 2019 - December 2022

- Worked collaboratively to stage and design for-sale homes.
- Introduced solutions to inventory-management problems, and contributed to the design of aesthetically-pleasing home layouts.