

Jonathan Hirsch

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Career Objective

To obtain an internship in computer science and continue to learn and sharpen my skills in new technologies. My drive, curiosity, and team-driven mindset will excel in a software development role.

Education

Bachelor of Science in Computer Science
Oregon State University, Corvallis

Expected December 2024

Bachelor of Arts in Business Management Economics
University of California, Santa Cruz

September 2018 - September 2020

Collegiate and Community Experience

- Interned at Center for Applied Ethics and Values in Emerging Technologies, Crown College - UCSC 2020.
- University of California Study Abroad Program - Maastricht University, Netherlands - Entrepreneurship, and Managerial Leadership, Summer 2019.

Work Experience

Jr. Staff Accountant
Hyder Property and Co.

July 2022 - September 2022
San Marcos, CA

- Reconciled bank accounts, and reviewed the cash flow for different properties.
- Reviewed general ledgers, making necessary adjustments to ensure accuracy and correctness.

Viticulture Intern
Advanced Viticulture

April 2021 - October 2021
Windsor, CA

- Retrieved, measured, and reported on >500,000 data points.
- Created and maintained spreadsheets for data analysis for each property.

Projects

Personal Technology Website | *JavaScript, React, HTML/CSS, MongoDB, Express.js, and Node.js*

- Developed a full-stack website using the MERN stack for a personal portfolio website.
- Implemented a CRUD (Create, Retrieve, Update, Delete) component to interact with a MongoDB cluster based on a Mongoose Schema. Created a new page for logging data, allowing users to perform CRUD operations through a React frontend and REST backend.

Checkers Game | *Python, Git, and GitHub*

- Created a simulation of a game of checkers, which incorporates objected-oriented programming concepts.
- Developed a visual component, so players can accurately visualize the board and view their moves.

Technical Skills

- **Languages:** Python, HTML/CSS, JavaScript, SQL, x86 Assembly, and C.
- **Frameworks:** Django, Flask, React, MongoDB, Node.js, and Express.js.
- **Tools:** Git, GitHub, VS Code, and PyCharm.
- **Relevant Coursework:** Introduction to Cybersecurity, Web Development, Data Structures, Computer Architecture and Assembly Language, Analysis of Algorithms (Upcoming) and Databases (Upcoming).