

DYLAN SWANSON

Computer Science Undergraduate

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EDUCATION

CALIFORNIA STATE UNIVERSITY LONG BEACH

Long Beach, CA

Computer Science

Graduating FALL 2024

➤ Relevant Courses:

Algorithms, Data Structures, Web Development, System Programming, Software Engineering, Video Game Development, Operating Systems, Statistics and Probability, UI/UX Design

Programming Team

- Competed against various universities in Southern California in a programming competition. The contest consisted of teams of 3 and were required to solve 10 challenging programming, logic, and mathematical problems where each team was given 5 hours to solve as many problems as possible.
- Expected to attend weekly meetings along with practicing algorithms and various programming problems.

Phi Kappa Tau Fraternity

- Vice President of Recruitment

PROJECTS

IMAGE SEARCH ENGINE

Javascript, Node.js, Express.js

- Designed and developed a user-friendly image search engine using Express.js for the backend and HTML, CSS, and JavaScript for the frontend.
- Implemented API integration with Pixabay to access and display an extensive database of high-quality images, demonstrating strong external data source integration skills.
- Created a responsive and visually appealing frontend interface to enhance the user experience and showcase design proficiency.

FOOD TRUCK WEBSITE

Javascript, PHP, Express.js

- Developed a dynamic food truck website using JavaScript for front-end interactivity, PHP for server-side scripting, and Express.js for routing and API integration.
- Designed and implemented an intuitive user interface, featuring a responsive design to ensure optimal performance across various devices and screen sizes.
- Utilized JavaScript libraries and frameworks, such as jQuery, for enhanced front-end functionality, including menu filtering and order submission validation.

SKILLS

- Programming Languages: Python, C++, Java, MySQL, C#
- Web Development: HTML, CSS, JavaScript, React
- IDEs/Tools: Visual Studio Code, Git/GitHub, Postman, MongoDB, Unity
- Soft Skills: Communication, Teamwork, Problem-solving, Time management

WORK EXPERIENCE

FINNEY'S CRAFTHOUSE - BARTENDER