

Noah dela Cruz

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Education

University of California, Davis

Bachelor of Science in Computer Science

Davis, CA

June 2022

Skills

Front End: JavaScript, React, HTML, CSS

Back End: C++, C, Python, Node.js, Express, MySQL, MongoDB

Developer Tools: Git, npm

Projects

Restaurant Tinder | JavaScript, HTML, CSS

- Devised a web application using JavaScript, HTML, and CSS that integrates the Yelp API to help users decide on a place to eat
- Dispatched a Tinder-like swiping feature to allow users to swipe left or right on each restaurant, with a tournament-style system that uses user input to narrow down the list of restaurants
- Arranged a way for multiple users to participate in the decision-making process simultaneously through the use of web sockets
- Set up the Yelp API to provide users with information about each restaurant, including each restaurant's name, image, location, and Yelp 5-star rating

Automated Song Download and Conversion | Python, Git

- Wrote a Python script to automate the task of downloading songs from YouTube, converting them to MP3 files, and adding them to Spotify
- Utilized libraries such as you-get, mutagen, and moviepy to implement the project
- Ensured the correct file format and naming convention for each song

Oska Board Game AI | C++

- Designed and implemented a C++ program that acted as an AI opponent in the Oska board game
- Executed the Minimax algorithm to evaluate and select the best moves for the AI player
- Implemented the alpha-beta pruning algorithm to optimize performance and reduce the number of calculations required to find the best move

Terminal Clone | C++

- Programmed a terminal clone in C++ using system calls and file I/O
- Built a command-line interface with support for common shell commands and features, such as piping and redirection
- Tested and debugged the application to ensure it functioned correctly across various operating systems

Work Experience

Aesop

Retail Consultant

Santa Clara, CA

Nov 2022 – Present

- Achieved the highest total sales and customer linkage amongst the team reaching the store goal of making \$25,000 in sales and 90% in linkage
- Acted as an assistant team lead, managing a group of employees during peak business hours
- Adapted to a sudden increase in customer traffic due to the holiday season, driving a 40% increase in sales for Q4 of 2022
- Trained a new employee on product knowledge and customer service, resulting in an improvement for their individual key performance indicators
- Worked collaboratively with colleagues to maintain a tidy and well-stocked store

Leadership Experience

Multicultural Interest Organization

Vice President

Davis, CA

Jan 2021 – June 2022

- Organized conventions, planned organization bonding events, oversaw new member education process
- Led various philanthropy events such fundraisers with COVID-19 and Black Lives Matter