

Jacob Toomey

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Education

University of California, Santa Barbra
Computer Science, B.S. | 06/2024

Relevant Courses

- Data Structures and Algorithms
- Foundations of Computer Science
- Object Oriented Design
- Team-based Project Development(Winter 2023)

Skills

C++, Python, Java, Git, CSS, Bash, SQL, C#, Node.js, MySQL

Experience

Staples The Office Superstore | Hemet, CA
Tech Associate | 04/2021 - 09/2021

- Diagnosed and repaired customer devices
- Assisted customers with technology purchases
- Managed store inventory

Projects

Machine Learning Models in Python

- Implemented multiple machine learning models using UCI's Iris data set
- Built a linear regression model by implementing gradient descent, a KNN Classifier model, and measured performance using multiple K neighbors

Peer to Peer Chatting App in Node.js

- Created real time chatting app that allows for anyone to connect, pick a username, and chat with one another
- Implemented back end server using Node.js, which utilizes socket.io for web connections

Weather App in Javascript

- Developed app that shows temperature, precipitation, and humidity for any location entered by the user
- Fetches data using OpenWeatherMap's API
- Implemented front end with CSS

Movie Review Sorter in C++

- Produced app that sorts a given list of movies by their Rotten Tomato rating
- Designed program to put movies into a binary tree and sort them according to rating from Rotten Tomatoes
- Integrates Rotten Tomatoes API to match the user-given movie titles and collect relevant ratings