Jeff Wang

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EDUCATION

University of California, Irvine **Summer 2020-Spring 2024**

Bachelor of Science in Information and Computer Science | GPA: 3.463

- Dean's Honors List (Winter 2021, Spring 2021, Fall 2022, Winter 2022)

SKILLS

Proficient with: Python, C++, Java, React.js, Javascript, HTML, CSS, Git
Explored: Swift, Vue.js, Flask, SQL

EXPERIENCE

Cabin **Los Angeles, CA**

Software Engineer *September 2022 - Present*

- Developed React components for customer-facing web applications based on client wants and needs.
- Designed dynamic and browser-compatible pages using React.js, HTML, and CSS while utilizing responsive design tactics.
- Worked in Agile methodology utilizing Jira to manage issue workflow.

Code Ninjas **Irvine, CA**

ACE Coding Instructor *August 2022 - Present*

- Taught 30 students basic computer science fundamentals through a fast-paced curriculum utilizing Microsoft MakeCode and Scratch.
- Participated in weekly meetings to provide students with homework and classwork, allowing for lasting retention of the material.

PROJECTS

ZOTBuddy **Winter 2022**

- Built a lightweight study group planner and organizer in 36 hours as a submission for HackUCI 2022.
- Integrated basic CRUD operations through a back-end RESTful API using Flask.
- Developed a front-end interface using Vue.js, allowing for the integration of reusable components and shortened development time.
- Implemented functionality for users to collaboratively add, remove, and edit study sessions.

Parstagram **Winter 2022**

- Developed an Instagram clone in Swift that allows users to post photos, view photo feed, and add comments.
- Utilized StoryBoards to create an intuitive interface with a login/signup page and a global photo feed.
- Used a custom Parse backend to store and access user information, photos, and comments.

Search Engine **Spring 2022**

- Built a search engine in Python by developing functions to scrape a database of roughly 55,000 web pages, yielding accurate search results for users to access relevant data.
- Utilized HTML parsers to scrape data from web pages accurately, and implemented Python code to crawl politely and avoid traps.
- Implemented a natural language processing (NLP) framework to tokenize, stem, and parse information.
- Implemented an inverted index and query system to search results based on industry-standard ranking systems.
- Increased performance results of the search engine, which reduced the processing speed of the engine to under 300ms for most queries.

Othello AI **Spring 2022**

- Built an artificial intelligence (AI) program in C++ to compete in Othello, utilizing a recursive game tree to optimize for the best move each turn.
- Placed top 20% in a course-wide AI tournament, with my AI consistently defeating others in a class size of ~250.