

Jason Nguyen

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EDUCATION

University of California, Irvine | Bachelor of Science - Computer Science Sept 2020 - May 2023

- **Relevant Coursework:** Machine Learning and Data Mining, Data Structures and Algorithms, Systems Architecture, Database Management, Object Oriented Programming
- **Secretary @ SCC ACM Branch**

SKILLS

Languages: Python, C++, C, Java, C#, Javascript, SQL, HTML, CSS, Node.js, jQuery

Frameworks & Tools: React, .Net, Angular, Express.js, MongoDB, Git, SpringBoot, Adobe Photoshop & Illustrator

EXPERIENCE

Student Assistant - California Department of Public Health Sept 2019 - Nov 2020

- Develop client side applications to extract data from Oracle DB using C# in .NET framework
- Formatting data into a user defined format and writing a script to send the file to company email
- Manage enterprise accounts and provide help desk support i.e. troubleshoot logins, firewall & security setting, etc

Web UI Developer - California Department of Food and Agriculture Mar 2019 - Sept 2019

- Create front end application using Angular and Bootstrap displaying divisional information on tickets
- Smoke test existing applications, functionalities and pages during soft release
- Report, identify and fix ADA violations of existing sites using WAVE and ChromeVox

C++ Tutor - Sacramento City College Jan 2018 - Mar 2019

- Develop a cohesive study program for SCC students struggling to learn computer science concepts
- Instructor 30+ students C++, software engineering practices, and boolean logic throughout the semesters
- Provided lecture material, discussion sessions, leet code assessments as well as academic advising

PROJECTS

Safe Accounts UI Sept 2021- Current

- Redesign the entire user interface of Safe Accounts by integrating motion & graphics, navigation and page structure
- Enhance React file structure and page responsiveness for devices i.e. Samsung S8, iPhone X and iPad Pro
- Create client side form validation using Typescript while showing errors to the users

GDPT Member Manager May 2021 - June 2021

- Created a full-stack web application for admins to manage data of active members in the organization
- Implement CRUD operations through a friendly UI using HTTP get, post, delete and put requests
- Design RESTful API endpoints while connecting the server side to the client side
- Integrate Google Map API and Reverse Geocoding to formally display addresses and other member data

UCI ICS Search Engine Feb 2021- May 2021

- Developed a multithreaded search engine for UCI's school of ICS web domains with a front and back end
- Used BeautifulSoup to web scrape various pages and parsing the content of the urls into tokens
- Made a system using Pickles to allow offloading of the inverted index to save on memory

Runkeeper Tweet Report Nov 2021 - Oct 2021

- Created a webpage report on week's worth of tweets from a running app RunKeeper to evaluate user activity
- Qualitatively analyze twitter data on their date, time, exercise activity, and written notes
- Filter, categorize and display graphical data with search functionalities using jQuery and JavaScript libraries

Nibble January 2021

- Developed an IOS app using Yelp's REST api to simulate dating applications but for local restaurants & dinners
- Worked on both the front end UI and back end functionalities to retrieve and display data for the user

Spotify Browser March 2021

- Created a web application using Angular, Node.js and Express to display various artist and albums on Spotify
- Implement Spotify API to retrieve music data and display this on the front end web components
- Integrate a session middleware to handle multiple users storing their tokens on the server side