Rolando Cruz Barragan

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WORK EXPERIENCE

Amazon Inc   **Cupertino, CA**
Software Developer Intern   *May 2021 - September 2021*
- Built a front end application written in Vue.js for log analysis and for internal team debugging
- Backend for application was built using ElasticSearch, Kibana using a Node.js server
- Conducted meetings with stakeholders to create design documentation used for application
- Reduced internal team debugging time by 25% by analyzing network weight traffic
- Collaborated with 5 Senior Software Engineers in an Agile environment making use of scrum, daily standups and biweekly sprints and participating in backlog grooming

Stanford HCI Research Group   **San Francisco, CA**
Research & Developer   *May 2015 - September 2016*
- Created full stack web application using Angular for front end and Django for back end
- The application helped users in Asia & Africa to acquire jobs in Europe and North America
- Research and development on this project was done with Stanford Human Computer Interactions
- Co-authored a research paper on Human Computer Interaction by analyzing the web application

EDUCATION

University of Toronto   **Ontario, CA**
Bachelor of Science Computer Science, Minor in Information Technology   *Years Attended: 2016-2017*
- Intro to Computer Programming, Intro to Computer Science, Discrete Math, Software Design, Systems Programming

College of Marin   **Kentfield, CA**
Associate's Degree Computer Science & Business   *Years Attended: 2019-2021*
- Data Structures & Algorithms, Computer Organization in Assembly, Web Development

PROJECT EXPERIENCE

Pathfinding Algorithm Visualizer   **March 2022 - June 2022**
- An application designed to visualize various path finding algorithms ie Djkistra's Algorithm
- Built using React.js on the frontend for an interactive user experience helping visualize

Project Hermes - Messaging App   **August 2021 - December 2021**
- A chat messaging application built on Node.js using Socket.IO and React for front end
- Included features such as public and private chat rooms that allows users to talk to each other from anywhere without having to create an account

YelpCamp   **May 2021 - August 2021**
- Full-stack web application built on React for front end and using Node.js, Express, and Passport on the backend
- Allows for users to find and upload campsites using geolocation on maps

SKILLS & INTERESTS

Languages: Javascript, Python, Java, HTML/CSS
Technologies: Node.js, React.js, MongoDB, Mongoose, Express, Git, Kibana, ElasticSearch, Passport, NPM, Yarn, Angular, Django, Vue.js, Flask, Astro, Next.js
Interests and Hobbies: Cultural cuisines, Coffee/Matcha Addict, Hiking, Jogging, Traveling, Basketball (Golden State Warriors)
Experiences: Volunteered at a local San Francisco club to teach high school students web development, Hackathon Organizer at U of T Hacks and Intern Hacks, Operations Specialist at Apple Store