Rolando Cruz Barragan

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EDUCATION

University of Toronto   **Ontario, CA**
Bachelor of Science Computer Science, Minor in Information Technology   *Years Attended: 2016-2017*
- Honors Degree

College of Marin   **Kentfield, CA**
Associate's Degree Computer Science & Business   *Years Attended: 2019-2021*
- Honors List

WORK EXPERIENCE

Amazon Inc   **Cupertino, CA**
Software Developer Intern   *May 2021 - September 2021*
- Created a log analysis application using Kabana, Elasticsearch
- Built the frontend using Vue.js
- Conducted meetings with stakeholders to create design documentation on log analysis application
- Reduced debugging time by 5% for developers by analyzing network weight traffic through log analysis app
- Collaborated with 5 senior developers as the only junior developer on the team
- Participated in scrum methodologies with daily stand-ups,sprint retrospectives, and backlog grooming

Stanford HCI Research Group   **San Francisco, CA**
Research & Developer   *May 2015 - September 2016*
- Research and development on a research project with Stanford Human Computer Interactions during Sophomore to Junior year of High School
- Built a web application to help users in third world countries acquire jobs in first world countries
- Created full-stack web application using Django and AngularJS
- Co-authored a research paper on Human Computer Interaction by analyzing the web application

PROJECT EXPERIENCE

Pathfinding Algorithm Visualizer   **March 2022 - June 2022**
- Built an application that visualizes famous path finding algorithms such as Djkistra's Algorithm
- Using React and Javascript to build interactive app and allows user to visualize animations

Sorting Algorithm Visualizer   **January 2022 - March 2022**
- Built an application that visualizes famous sorting algorithms such as merge sort, bubble sort, etc.
- Built using React.js and TypeScript

YelpCamp   **November 2021 - January 2022**
- Built full-stack web application using Node.js, Express.js, middleware authentication,
- Created the web application to allow users to create and upload different campsites using a location

SKILLS & INTERESTS

Languages: Java, Python, JavaScript, HTML/CSS, Node.js, MongoDB,Express.js, React,js, TypeScript
Skills: Microsoft Office (Excel, Word, PowerPoint), Scrum Methodology, Jira
Certifications: Udemy The Web Developer Bootcamp 2021, freeCodeCamp Responsive Web Design
Interests: Cultural cuisines, Coffee/Matcha Addict, Hiking, Basketball (Golden State Warriors)