

Rolando Cruz Barragan

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WORK EXPERIENCE

Amazon Inc

Cupertino, CA

Software Developer Intern

June 2021 - August 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

College of Marin

Kentfield, CA

Associate's Degree Computer Science & Business

Years Attended: 2019-2022

- Data Structures & Algorithms, Computer Organization in Assembly, Web Development

PROJECT EXPERIENCE

PizzaNow

August 2022 - November 2022

- Built a full stack web application using React.js/Next.js for the responsive front end and used Node.js, Express, and built my own REST API for the backend for a food delivery app
- Used Next.js to support server side rendering and mobile view optimization and SEO optimization
- Integrated Paypal API for payments and live order tracking status

Bug Tracker

May 2022 - August 2022

- Created my own bug tracker web app that allows users to create tickets and track the status of it
- Lets users filter tickets by priority, type, and assign people to the tickets
- Integrated using React on the front end, PostgreSQL and Node.js for the backend

Ghost - An AI Writing Assistant

January 2022 - April 2022

- Full-stack web application built on React.js/Next.js for front end and using Node.js and GPT-3 for the ML model on the backend
- Allows for users to enter any prompt and the AI will write a blog post/twitter thread/story for the user

SKILLS & INTERESTS

Languages: Javascript, Python, Java, HTML/CSS

Technologies: Node.js, React.js, MongoDB, Mongoose, Express, Git, NPM, PostgreSQL, Next.js, Redux, Context, State Management, Django, REST architecture, Stripe/Paypal E-commerce API, Unit testing

Interests and Hobbies: Cultural cuisines, Hiking, Jogging, Traveling, Basketball (Golden State Warriors)

Experiences: Volunteered at a local San Francisco club to teach students web development, Hackathon Organizer at multiple hackathons, Operations Specialist at Apple Store between 2017 - 2021