# Rolando Cruz Barragan

San Francisco, CA | (415)-209-3857 | rocruz9816@gmail.com |
https://www.linkedin.com/in/rolandocruzb/ https://github.com/MisterCruz |

## SKILLS

**Languages:** Javascript (ES6), TypeScript, Python, Java, SQL, C++, HTML, CSS
**Frameworks**: Node.js, React, Mongoose, Express.js, Next.js, Redux, Context, Django, Socket.io
**Tools:** Git, AWS, Netlify, Vercel, PostgreSQL, MySQL, MongoDB, Docker, NPM, Figma

## WORK EXPERIENCE

**Amazon**                                                                                                       **Cupertino, CA**
*Software Development Engineer Intern*                                          *June 2021 - August 2021*
- Built a robust backend that reduced internal team debugging time by 25% by analyzing network weight traffic and fetched data from ElasticSearch through APIs
- Created frontend with Vue.js for scaling and connected my backend to display log analysis data
- Conducted meetings with stakeholders to create design documentation used for application
- 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 app using Angular for front end and Django for backend to support high traffic
- 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

## PROJECTS

**PizzaNow**                                                                                 **May 2022 - August 2022**
- Built a food delivery app using React.js/Next.js for the responsive front end and used Node.js, Express, and a custom-built REST API to fetch order and product data from MongoDB
- Used Next.js for a high-performing and optimized dynamic user experience
- Created robust backend to integrate Paypal API for secure payments and live order tracking status

**Bug Tracker**                                                                          **October 2021 - December 2021**
- Built a project management tool to track project issues, bugs, tickets, with a dynamic user interface
- Wrote backend to support filter tickets by priority, type, assign people to the tickets, and comments
- Created Node.js APIs to fetch tickets/bug data from MongoDB

**Ghost - An AI Writing Assistant**                                      **September 2022 - November 2022**
- Full-stack web application built on React.js/Next.js for high availability & scalable front end
- Wrote custom-built backend and Node.js APIs 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

## 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