

Hugo Meza

hgmeza114@gmail.com | [Github](#) | [LinkedIn](#) | [Portfolio](#)

EDUCATION

City College of the City University of New York

New York, NY

Bachelor of Engineering, Computer Engineering

Graduated: December 2019

Relevant: Data Structures, Algorithms, Operating Systems, Adv. Software Engineering (CodePath)

SKILLS

Programming: C++, JavaScript

Technologies: Git, OS X, Unix/Linux, Amazon Web Services, MongoDB, Node, Express, ReactJS

Leadership: President of Association for Computing Machinery – CCNY Chapter (2018 – 2019)

PROFESSIONAL EXPERIENCE

Nuravine

New York, NY

Software Developer Intern

September 2018 – May 2019

- Transitioned from Java EC2 server to Node serverless architecture using AWS solving unexpected server shutdowns
- Implemented 30+ REST micro services by utilizing SAM framework including authentication, IoT data reading, etc
- Decreased by 20% data rendering time by writing better code through the integration of AWS Lambda
- Refactored authentication and authorization by incorporating Cognito as middleware into their Angular frontend

HelloYada, Inc.

New York, NY

Software Engineering Intern

June 2018 – August 2018

- Leveraged Node and Express using MongoDB to build a REST API from the ground up that is used for over 200+ users
- Architected and built frontend using React and was responsible for a Redux based state management
- Built a solution to address requests for registration, sign-in, account editing, and user authentication and authorization
- Used Test Driven Development with Mocha and Chai for unit and integration testing for backend development

RELEVANT PROJECTS

Crates Inventory Management

January 2020 – Present

- Projected solution for uncontrolled crates management that could save companies thousands of dollars for their tracking
- Developed Master Data by understanding the crates life cycle / workflow through transactional actions
- Architected an AWS backend utilizing DynamoDB and Cognito with employee, admin, and super-admin roles
- Currently building a React frontend that utilizes Progressive Web App features along with a Redux state management

E-Commerce Clothing React App – [Live Demo](#) – [Github](#)

January 2020 – February 2020

- Leveraged front-end development by building a React app integrating Google OAuth with Firebase and Stripe API
- Cached components by using `react-select` to prevent the re-rendering of unchanged component for performance optimization
- Stored Cart Items on local storage by using `redux-persist` preventing losing items when page is refreshed
- Followed Flux architecture by using `redux` state management allowing stateless components map state to props

Face Recognition React App – [Live Demo](#) – [Github](#)

December 2019

- Developed a React application that by providing an image url, it displays the location where the face was detected
- Utilized Clarifai's AI Face Detect Model API to get the face location points to then be displayed using CSS

Recipe API – [Github](#)

December 2019

- Created a REST API with Python, Django REST framework, and Docker using Test Driven Development
- Configured Travis-CI to automatically run linting and unit tests, and configured a Postgres database
- Implemented features of user authentication, uploading and viewing images, and creating, filtering and sorting objects

FindPet (Hackathon Winners)

November 2018

- Recognized as the team to present a Salesforce app that has Best Solution for Business Value, Salesforce Relevance, Technical Innovation, and Viability
- Trained a built-in Salesforce Machine Learning program to make an app that, by uploading a cat picture, detected the cat's breed and geolocation of an adoption store where that cat breed could be found