# Hugo Meza

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## 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), iOS Course (CodePath)

## SKILLS

**Programming:** C++, JavaScript
**Technologies:** Git, OS X, Unix/Linux, Amazon Web Services, MongoDB, Node, Express, ReactJS, iOS
**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 API endpoints utilizing SAM framework and decreased by 20% data rendering time
- Refactored authentication and authorization by incorporating Cognito as middleware into their Angular frontend
- Built dynamic databases that read real-time data from connected IoT devices to be then displayed in the UI

**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

**Portfolio v.2** – *[Live Demo](#)* – *[Github](#)*                                          January 2020
- Built a ramped up version of portfolio project that displays modern UI design, is fully responsive, and Bootstrap styled
- Developed one page layout with React along with image optimization using Gatsby powered by GraphQL

**Face Recognition React App** – *[Live Demo](#)* – *[Github](#)*                            December 2019
- Executed the development of 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

**Portfolio** – *[Live Demo](#)* – *[Github](#)*                                             December 2019
- Challenged and increased front-end development knowledge by constructing a server-side rendered React application utilizing the Next.js framework
- Learned to map each element of a list to a component for easy code reusability, learnt to render components given a condition, and developed understanding of the components lifecycle

**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