

EDUCATION

California State University, Monterey Bay 8/2014 - 5/2018

- B.S in Computer Science and Software Engineering. Coursework included database design, object-oriented programming, software engineering, data structures and algorithms.

University of Essex 9/2016 - 12/2016

- Coursework included human-computer interactions, java based programming, artificial intelligence.

SKILLS

Programming Languages:

- Python, JavaScript, Swift, C++, Java, SQL, HTML, CSS

Frameworks/Tools

- AngularJS, React/Redux, Webpack, Node.js, Django, Bootstrap, Amazon Web Services, Git, Heroku

EXPERIENCE

Web Developer - Monterey Bay Aquarium February 2017 - March 2018

- Increased server query response time by 70% by restructuring API and implementing caching.
- Architected, developed and deployed a full-stack web application using MongoDB, Express, Angular and NodeJs, that allowed for data and image upload and data visualization on admin portal.
- Improved QA testing process by creating the basis for an automated test framework using Selenium.
- Contributed in developing a build pipeline to deploy various web applications onto AWS EC2 instances.
- Integrated Facebook and Google OAuth API's to facilitate user account creation and login.

Software Engineer Intern - PredPol May 2016 - September 2016

- Led a team of two other engineers to create an iOS application for displaying crime data throughout various parts of the country.
- Integrated Google Maps API into the app in order to display data on the map.

PROJECTS

Platwatch (MongoDB, Express, AngularJS, NodeJS)

- RESTful full-stack web application using MongoDB, Express, Angular, NodeJS
- Integrated Google Sheets API to make data exportable to Google Sheets
- Used AWS S3 API to store uploaded images
- Implemented user logins with json web tokens
- Deployed onto a Heroku instance