

DIEGO VEGA MARAVILLA

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Experience

New Hire Onboarding Site – *Capital Insurance Group* – 2019

- My team and I developed a responsive web application using **React.js**, **NPM**, **Redux** and **SCSS** that would help CIG efficiently remove the need to physically store and maintain new hire paperwork and move it online where it could be submitted and turned in by new hires before the first day of work.
- Using **Redux**, I made a progressive training page for a user to complete their training and submit paperwork.
- I Made a **Dockerized RESTful Express.js** backend with **MongoDB** and implemented **JSON Web Tokens** and **Redis** to provide needed **security** and **session management** for both users and admins of the web app.

Sr. Quality Assurance Analyst – *Monterey Mushrooms* – 2018 – 2019

- Trained and managed process control for 7-8 harvesting and production teams
- Regulatory and compliance for food safety for high-capacity food harvest
- Worked with general and department managers to ensure training and compliance needs are met
- Produced training, resource usage, customer relations, and wastage reports for general management

Projects

Face Recognition – *Personal Project* – 2019

- I created a web app that would recognize faces upon image URL input using **React.js**, **Redux**, **NPM**, and the **Clarifai API**.
- For the back-end I used **Express.js**, and **PostgreSQL** for users to register and log in to their profiles. I also implemented a point system to award users for each image they submit.

MBARI Portal – *CSUMB Project* – 2018

- My team and I created a responsive website using **Angular** and **Bootstrap** for MBARI for the purpose of allowing divers to log their dives and request maintenance on their tools
- I also created a back-end service using **Spring Boot** and **Java**

Image Translator – *CSUMB Project* – 2016

- Using **Python**, **Tesseract**, **OpenCV**, and **Python Imaging Library**, group members and I created an application that would read text from a picture and turn it into a string. That string then would be translated from a foreign language to english and be displayed.

Education: Software Engineer | Full-Stack Developer

Bachelor of Science: Computer Science | Software Engineering

CSU Monterey Bay – Marina, CA – May 2020

Relevant Coursework

- Design and Analysis of Algorithms
- Operating Systems
- Introduction to Database Systems
- Intro to Computer Networks

Certificate of Completion

- Udemy: Web Development – 2018
- Udemy: React & Redux – 2018
- LearnSolo: C++ – 2015, Python 2017

Bilingual

- English & Spanish

Skills

Other Languages and Technologies: C++, JavaScript, HTML, SSH, Command Line, RESTful API, Git.