Muhammed Constantino

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Education

B.S. Computer Science | *Make School @ Dominican University of California*　　　***Graduating Aug. 2021***

- Pursuing a Bachelor's in Computer Science with a concentration in Front End Web Engineering.
- Relevant coursework: Data Structures & Algorithms, Agile Development & RESTful MVC architecture.

Computer Languages: JavaScript, Python, PHP, HTML/CSS, SCSS

Frameworks: ReactJS, NextJS, Django, Flask, Wordpress

Technologies: NPM, Node.js, Jest, D3.js, Chart.js, MongoDB, Vercel, Git, MySQL

Work Experience

Product Management Intern | *Western Digital*　　　**Jun. 2020 - Aug. 2020**

- Planned features for two future generations of SanDisk SSD products with 1M+ active users
- Conducted internal research, defined strategy for product ID and marketability
- Researched competitor's UX/UI in preparation for keystone digital products and services currently in beta
- Compiled market data, finding correlations between region and product-consumer compatibility

Computer Science Teaching Assistant | *Make School*　　　**Aug. 2020 - Jan. 2021**

- Tutored classmates on CS principles such as big-O notation and scoping
- Coached 20+ students weekly on projects written in Flask, Django, ReactJS & Gatsby
- Showed students how to deploy projects to services like GHPages, Vercel & Netlify
- Assisted teacher in expanding curriculum for Front End Web courses

Projects

erici.us | ***Tools:*** *NextJS, ReactJS, Vercel, Git, HTML/CSS, D3.js*

- Front end written in NextJS & ReactJS, utilizing D3.js for mapping and charts, deployed using Vercel
- Correctly predicted Congressional, Senatorial and Presidential races in 2020 with 97% accuracy

github.com/apologeticaly/election_model | ***Tools:*** *Python*

- Written in Python, this election model uses current polling averages to simulate individual state races
- Runs 10,000 simulations for each race, with the average being outputted to JSON objects for erici.us

mcceastbay.org | ***Tools:*** *WordPress, PHP, HTML/CSS, MySQL*

- Front end built on WordPress with theme customization using PHP and HTML/CSS
- v1 of the website (deployed 2016) increased yearly online donations 100% over 3 months