

Victor Daniel Vargas

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

Aug. 2014 - Dec. 2018

Bachelor of Arts in Applied Mathematics

- **Coursework Includes:** Concepts of Probability, Concepts of Statistics, Concepts in Computing with Data (R), Intro to MATLAB Programming, Linear Algebra, Corporate Finance, Linear Modeling, Numerical Analysis, Public Speaking, Economic Theory, Modern Statistical Prediction and Machine Learning, Education (In-Field)

SKILLS

FRONT-END

JavaScript (ES6+)
TypeScript
React.js (Hooks & Context API)
Redux
Next.js
HTML5/CSS3/SASS

BACK-END

GraphQL
Node.js
Express
MongoDB (Mongoose)
MySQL

DEVELOPMENT & WORKFLOW

Git & Github
Postman
Heroku

OTHER

Liquid (Shopify)
Python

WORK EXPERIENCE

- **VS MEDIA** | *JavaScript Developer* Feb. 2021 – Sep. 2021
 - Built a resizable and draggable UI display to be used by thousands of our internal users which allows for a more personalized experience by offering customizable display options and then saving those selected options within local storage - as well as persisting this functionality whenever the user's window was either minified or resized
 - Developed the existing codebase to help foster a better user experience for our 1+ million users by addressing bugs with setting/getting user preferences via cookies, tracking and storing user preferences via element selections on forms, expanding functionality to pre-existing chat rooms while adhering to MVC patterns, etc.
 - Wrote various scripts to optimize our admin site used companywide by creating dropdown menus with filtering capabilities, enhancing our video upload page, and recreating Twitter's @ handle functionality call from scratch
- **WHITE OAK MARKETING & SALES LLC** | *Software Engineer, Marketer, & Instructor* Feb. 2020 – Present
 - Customized clients e-commerce stores to create the exact look and feel for their sites that they'd envisioned by making specific changes to their CSS and UI displays – on both mobile and desktop platforms
 - Constructed a modern and inviting online presence for my clients' businesses using modern web technologies
 - Adhered to best practices in the industry to maintain clean and efficient codebases by following recommendations regarding separation of concerns, web page optimizations, and writing human readable code

PROJECTS

- [USD CURRENCY CONVERTER](#) | *JavaScript (ES6), Multiple 3rd Party APIs*
 - Constructed this project to practice working with multiple API's, the first I used to gather all country data and the second I used to help render a real-time conversion, and comparison, of 1 USD to any country's native currency
- [THE POWER LIST 2.0](#) | *React, Redux, Express, Node, MongoDB, Authentication*
 - Upgraded the previous version of this application by adding a backend, database, and user authentication
- [THE POWER LIST 1.0](#) | *React, Hooks & Reducers, Context API, Material-UI, Local Storage*
 - Built this application to showcase my ability to handle multiple technologies in a single application by working with modern react code (hooks) and relevant state management tools (context)
- [POKEMON DREAM TEAMS \(GENS 1-3\)](#) | *React, React Router, 3rd Party APIs*
 - Created this application to highlight my programming and react skills by fetching data from the PokeAPI and showing/hiding components based on the current route path & generating random parties with my built-in generator
- [RICK AND MORTY CHARACTER DECK](#) | *React, 3rd Party APIs*
 - Integrated the Rick and Morty API into this react application to display all the characters of interest with their information displayed on individual cards by filtering the output based on the search query typed within the search bar
- [RESPONSIVE PORTFOLIO](#) | *HTML, CSS, SASS*
 - Created a portfolio which hosts my projects and info about me to showcase my skills with front-end technologies