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	BACK-END	DEVELOPMENT & WORKFLOW
JavaScript (ES6+)	Node.js	Git & Github
jQuery	Express	Postman
React.js (Hooks & Context API)	MongoDB (Mongoose)	Heroku
Redux	MySQL	
TypeScript	GraphQL	**OTHER**
HTML/CSS/SASS	Next.js	Liquid (Shopify)
Webpack & Babel		Python

WORK EXPERIENCE

- **VS MEDIA** | *Frontend JavaScript Developer* *Feb. 2021 – Present*
- 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*
- Taught myself modern web technologies to help increase profits in clients' businesses by providing my services in the form of creation of webpages, optimizing page load speeds, and styling pages for better user experiences
- Adhered to best practices in the industry to maintain clean and efficient codebases by following recommendations regarding component architecture, separation of concerns, and writing human readable code
- **THE FUNDWORKS, LLC** | *Credit Analyst* *July 2019 – Nov. 2019*
- Reinforced the ability to work well within a team to help distribute $10 million for merchants to use as working capital towards expanding their businesses and services by processing applications with a sense of urgency
- **MATHNASIUM** | *Mathematics Tutor* *Jan. 2019 – July 2019*
- Simplified technical mathematical concepts to help students, ranging from kindergartners to high school seniors, succeed in their mathematics courses by providing engaging and digestible explanations

PROJECTS

- [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