

KRISTINA TAING

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TECHNICAL SKILLS

- **Front End:** JavaScript [ES5 & ES6] | HTML5 | CSS3 | React Native | React
- **Back End:** Node.js | Express | PostgreSQL | MySQL | MongoDB | RESTful API development
- **Deployment:** AWS S3 | AWS EC2 | Loader.io | Nginx | Heroku
- **Other:** Excel | VBA | TIBCO Spotfire | Microsoft PowerApps | R | R Studio | SAS

EDUCATION

Advanced Software Engineering Immersive

08/2019

Hack Reactor

Bachelor of Science, Statistical Science

06/2016

University of California, Santa Barbara

- Relevant Coursework: [Python] Introduction to CS, [C] Solving with Computers, Foundations of CS

APPLICATIONS

Mock-teryx System Design

08/2019

[\[view the repo\]](#) | Express | MongoDB | PostgreSQL | AWS EC2 | Loader.io | Nginx |

Built, stress-tested, and optimized the back-end architecture for an existing front-end design: an Arc'teryx replica

- Constructed a SQL and NoSQL system design to seed 10M entries in 10min and query an entry in 6ms
- Optimized query times by 25s in the SQL system and 30s in the NoSQL system by using btree indices
- Designed a local system that reached 350 RPS with 2.8ms latency, & 0% error rate
- Deployed 4 EC2 instances with 2.5k RPS, 75ms latency, & 0% error rate with round robin load balancing

füdFeed

08/2019

[\[view the app\]](#) | React Native | Express | MongoDB | GoogleMapsAPI |

A monolithic, mobile app to inspire users with home-made recipes and the ability to search for stores by ingredient

- Integrated Google Maps SDK API to display each store location and associated user rating
- Designed map component to conditionally display default search results using componentDidMount
- Designed feed to conditionally expand recipe details and user comments

Front-end Country

07/2019

[\[view the app\]](#) | React | Express | AWS S3 | MongoDB | HTML5 | CSS3 |

Developed a front-end replica of the Backcountry website using a Service Oriented Architecture

- Specialized in the navigation-bar design and functionality, and hosted images and icons on AWS S3
- Designed a MongoDB schema with additional nested schemas and seeded 100 sample product entries
- Developed a request to return results from the database related to values typed into the search bar

PROFESSIONAL EXPERIENCE

PRO Unlimited, Inc

08/2016 – 03/2019

Finance Analyst

- Developed a Microsoft PowerApps ticketing system for open positions and employee on-boarding
- Scraped Yahoo Finance for 100+ client's public financials using Excel Power Query on a quarterly basis
- Seeded 12 quarters of internal financials into Excel data models to streamline legacy board reporting

Business Analyst

- Consulted PM regarding reporting configuration during data-discovery process of acquired F500 client
- Built and demoed client-requested business intelligence (BI) dashboard directly to the client stakeholder

Analyst, Financial Leadership Development Program (FLDP)

- Navigated through three rotations leveraging cross-departmental insight to drive business solutions
- Developed TIBCO Spotfire BI dashboard for C-level executives to benchmark client performance
- Coded Excel VBA Macros to eliminate operational overhead, saving up to 7.5 hours a week