

BAO LE

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SKILLS:

Ruby	Ruby on Rails
JavaScript	React
Redux	jQuery
HTML	CSS
Git	GitHub
SQL	Agile

EDUCATION:

App Academy

January 2017 - April 2017

- Intensive 1000-hour web development course with <3% acceptance rate
- Teaches full-stack web development with emphasis on pair programming, TDD and OOP

San Jose State University

August 2007 - May 2013

- Bachelors of Science in Chemistry, concentration in Biochemistry.
- GPA: 3.7; Cum Laude

AWARDS:

- Associated Student's Legacy Award - Spring 2012
- Chemistry Dept. Neptune Scholarship - 2010 - 2012
- SJSU's ACS Scholarship - Spring 2010 - 2012
- College of Science Dean's Honors List - 2010 - 2013

PROJECTS:

Dapper.Life | [GitHub](#)

React/Redux & Ruby on Rails

Single-page web application inspired by Instagram.

- Created smooth UI/UX by leveraging Redux's unidirectional flow and React's diffing algorithm and lifecycle methods.
- Decreased page loading time ten-fold by implementing lazy loading of images.
- Optimized performance by utilizing CDNs and microservices such as AWS S3 to store photos.
- Designed flexible REST API backend in Ruby on Rails and PostgreSQL that allows for decoupled architecture.

Interactive Resume | [GitHub](#)

jQuery, HTML, CSS

Harry Potter-themed interactive resume.

- Created navigable environment by adapting large codebase multi-scrolling library and hand-rolling animations.
- Managed DOM elements and animations by utilizing jQuery to query selectors and implement keyframes.
- Utilized SASS to organize and modularize CSS components.

PROFESSIONAL EXPERIENCE:

Software Engineering Intern

App Academy

March 2017 - June 2017

Developed anti-cheating web crawler.

- Decreased database hits by 50% through debugging and refactoring Rails queries controller logic.
- Created a more intuitive and smoother UI/UX by leveraging Redux's unidirectional data flow to cache key data and optimize load times

Software QA Engineer and Chemist

Agilent Technologies

August 2015 - January 2017

- Prevented release of software with critical defects to millions of users worldwide by writing and executing functional- and driver-testing test cases.
- Collaborated with QA and Software Engineers, and Product Managers to prioritize defect fixes during testing phases of the software development life cycle.