

ELTON XUE

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Website: eltonxue.com | **Location:** Irvine, CA

Education

University of California, Irvine

B.S. in Computer Science, GPA 3.54

Irvine, CA

September 2015 – March 2019

Experience

Immerse

Irvine, CA

Software Engineer

October 2018 - Present

- Built the entire front-end of the administration segment of the LMS application, including design and API integration for authentication, permissions, classes, students, teachers, and administrators using React, Redux, and SCSS.
- Utilized Material UI to develop an Immerse React library for reusable components, such as buttons, selects, and inputs.
- Developed React higher-order components for authenticating tokens and injecting properties for internationalization.
- Increased application efficiency by implementing memoization through selectors using Reselect.
- Coordinated monthly demo meetings to help investors understand the current progress of the application.

Procore Technologies

Carpinteria, CA

Software Engineer Intern

July 2018 – September 2018

- Resolved JIRA tickets and created pull requests in Git concerning frontend React fixes to fit CORE design requirements.
- Improved software usability by integrating internationalization and writing tests in Enzyme to the budgeting tool.
- Increased frontend performance for the financial tool by converting ERB templates into React components.
- Practiced Agile Scrum in bi-weekly sprints in a team consisting of a designer, product manager, and other engineers.

Adigami

Irvine, CA

Software Engineer Intern

April 2018 – June 2018

- Optimized code by writing a parser that handles data from Adigami's API and visualized it using the Chart.js API.
- Wrote RESTful endpoints in Ruby using Rails to retrieve a connection's metrics from a MySQL database.
- Worked closely with the product owner when discussing and writing requirements/sprint reports for pushing features.

The Portal

Irvine, CA

Software Engineer Intern

October 2017 – April 2018

- Utilized AWS to build a secure REST API using Node.js, Express.js, and the Bcrypt package for sending dynamic emails, handling client documents, and conducting payment requests.
- Engineered code in React, Redux, and S3 for uploading, previewing, and download documents.
- Integrated online payments in Node.js and Express.js using the Stripe API.
- Reduced server overhead by eliminating existing N + 1 queries in PostgreSQL using Sequelize.

Skills

Languages: Javascript (ES6), HTML, CSS, Python, Java, C++

Front-End: React, React Native, Redux, JQuery, SCSS, EJS, ERB, Material UI, Bootstrap

Back-End: Node.js, Express.js, Ruby on Rails, Django, PostgreSQL, MySQL, MongoDB, DynamoDB

Knowledge: AWS, Git, Mocha, Chai, Enzyme, Sequelize, RESTful API, Web Sockets, Agile Development

Projects

CoreOverflow

React, Redux (thunk), Node.js, Express.js, AWS DynamoDB, S3, Lambda

Built an internal tool for engineers to ask and answer questions about issues pertaining to Procore development. Designed and developed a clap system to increase user interaction. Engineered an API with Express.js and DynamoDB to allow CRUD operations.

github.com/grantkayes/coreoverflow

Acelt

JQuery, HTML, CSS, SASS, Node.js, Express.js, PostgreSQL, Mocha, Chai

Created a fullstack web application that uses speech recognition and tone analytics from the IBM Watson API to help students prepare for interviews. Implemented an authentication system using JSON Web Tokens. Visualized data received from IBM Watson using the Chart.js API.

github.com/eltonxue/aceit