ELTON XUE

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

Education

University of California, Irvine   Irvine, CA
B.S. in Computer Science, GPA 3.54   *September 2015 – March 2019*

Experience

Vincit   Irvine, CA
Software Engineer   *April 2019 - Present*

- Developed new and maintained old features on Splunk Phantom using React, Django, PostgreSQL, Jest, Enzyme, and Cypress
- Solved technical debt by introducing a new method of form validation using Formik, Yup, and JSON Schema
- Implemented and tested with Cypress the new notes redesign feature, adding support for markdown, attachments, and previews
- Improved initial page load speed by 40% by integrating code-splitting with React Suspense and Lazy
- Built an internal Slack App for sending weekly budget updates using Typescript, Node.js, AWS Lambda & Cloudwatch, and the Slack API
- Ensured efficiency in meetings as team scrum master, leading retrospective, planning, grooming, and daily stand-ups

Immerse   Irvine, CA
Software Engineer   *October 2018 – March 2019*

- Built the front-end of the external and internal administration tool, including design and API integration for authentication, permissions, sockets, classes, students, teachers, and administrators using React, Redux, and SCSS
- Automated connecting and messaging on LinkedIn with HubSpot/Dux-Soup using API Gateway, Lambda, and Node.js
- 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

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 Co-op   *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
- 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, TypeScript, JQuery, SCSS, EJS, ERB, Django templates, Material UI, Bootstrap
Back-End: Node.js, Express.js, Django, PostgreSQL, MySQL, MongoDB, DynamoDB, Lambda
Knowledge: AWS, JIRA, Mocha, Chai, Jest, Enzyme, Cypress, react-testing-library, ORMs, RESTful API, Web Sockets, Agile Development

Projects

CoreOverflow   React, Redux, 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   *github.com/grantkayes/coreoverflow*
interaction. Engineered an API with Express.js, DynamoDB to allow CRUD operations.

AceIt   JQuery, HTML, SCSS, 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   *github.com/eltonxue/aceit*
authentication system using JSON Web Tokens. Visualized data received from IBM Watson using the Chart.js API.