






# Elton Xue

Software Engineer

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**EDUCATION**   **University of California, Irvine** Expected June 2019  
**B.S. in Computer Science** GPA 3.6

**EXPERIENCE**   **Procore Technologies | Software Engineer Intern**   **July 2018 – Present**

- Resolved tickets in JIRA and created pull requests in Git concerning frontend UI fixes using React and Redux to fit the company's CORE design requirements
- Improved software usability by integrating internationalization and writing tests in Enzyme to the budgeting tool
- Minimized loading time for the finance tool by reducing unnecessary calls to Procore's API
- Practiced agile in 2 week sprints with a team of 7 consisting of a designer, product manager, and other engineers

**The Portal | Software Engineer Intern**   **October 2017 – April 2018**

- Utilized the AWS SDK package to build securely hashed RESTful routes for sending dynamic emails, handling client documents, and conducting payment requests
- Engineered code in React and deployed the use of Redux and Axios to connect frontend views with backend servers 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
- Conducted QA by testing features on opened Git pull requests

**The Portal | Software Engineer Intern**   **April 2018 – June 2018**

- Optimized code by writing a parser that better handles data received from the Adigami API, then visualizing that data using the Chart.js API
- Wrote RESTful endpoints in Ruby to retrieve a connection's metrics from a MySQL database
- Participated in agile development and wrote requirements/sprint reports for pushing features

**iD Tech | Programming Instructor**   **May 2017 – September 2017**

- Developed projects in C++ for lecturing students on basic cryptography and cyber security
- Assisted other instructors in Python and Java courses

**SKILLS**   **Languages:** Javascript (ES6), HTML, CSS, Python, C++, Java  
**Front-End:** React, React Native, Redux (thunk/sagas/loops), jQuery, EJS, ERB, Bootstrap  
**Back-End:** Node.js, Express.js, Ruby on Rails, Django, PostgreSQL, MySQL, MongoDB, DynamoDB  
**Knowledge:** AWS, Git, Sequelize, Mocha, Chai, Enzyme, RESTful API, Web Sockets, Agile Development

**PROJECTS**   **CoreOverflow** – Internal tool for engineers to ask/answer questions about issues pertaining to Procore development  
**Technologies:** React, Redux (thunk), Node.js, Express.js, AWS DynamoDB, AWS Lambda

**Fablix** – Interactive website that allows search through a large database of modern movies  
**Technologies:** React, Redux (sagas), Apache Tomcat, MySQL, Axios, AWS EC2

**Acelt** – Web application that uses speech recognition and tone analytics from the IBM Watson API to help students prepare for interviews  
**Technologies:** jQuery, HTML, CSS, SASS, Node.js, Express.js, Sequelize, PostgreSQL, Mocha, Chai

**Minder** – Social media website for connecting and chatting with friends  
**Technologies:** jQuery, HTML, CSS, Node.js, Express.js, Mongoose.js, MongoDB, Web Sockets

For more projects, please visit [www.github.com/eltonxue](https://www.github.com/eltonxue)