

Calvin H. Lee

714-420-1864 | ✉ calvinhlee23@gmail.com | 🔗 <http://calvinlee.io> | 🐙 [Github](#) | 🌐 [LinkedIn](#)

Work Experience

SafeMail - Software Engineer || Sept. 2017 - Present

- Full-stack engineer building a secure document signing application with React/Redux & Django
- Developed signer-document-access-control protocol by utilizing security tokens:
 - Signer objects have unique keys to access a document package which has a unique key of its own
 - When a request is made to access a document, signer- and document-keys are used to verify that the requester is the intended recipient of the document
 - Verified requester, then, may be asked to go through further verification steps, such as two-factor authentication via sms, based on specified authentication level (set by the sender)
- Work closely with lead designers and product managers to implement useful features including:
 - Custom insert-field that gets dragged & dropped on documents by senders before signing
 - Recipient / Document revision tools that enable the senders to make changes to recipient / document information while preparing documents before sending them out
 - Pre-filling fields (assigned by the sender) based on signer's user-profile values when the signer opens documents to sign
- Created APIs to handle and store document modifications and track document states
- Manage server deployment on AWS

Quant Five - Software Engineer || May 2017- Sept. 2017

- Collaborate with a team of four In charge of Frontend with React and API-level with Django
- Deploy servers on AWS with Elastic Beanstalk
- Built key components of the app including PDF-HTML converter and HTML-React translator
 - utilized Python PDFMiner.six & HTML-to-React

Bellenista - Web Developer || Jan. 2017 - Sept. 2017

- Built a new website for the vendor along with other developers.
- Developing product search features (front- & back-ends) with custom URL.

Personal Projects (Portfolio: <http://calvinlee.io>)

Pix – Social Networking Site (React.js, Ruby on Rails, & PostgreSQL)

- A single-page JavaScript web application that is based on Redux Cycle.
- Custom UI design with JSX and CSS. Navigation is enabled through React Router.
- Auto-complete user search utilizes AJAX server requests and SQL query.
- Features Infinite Scroll that allows users to load thousands of photos with minimal loading time.

Invasion! – Retro Arcade Game (Vanilla JavaScript, HTML, & CSS)

- Calculates node entry/exit points using custom algorithms to respond to UI.
- Tracks game state and visual representation separately.
- Loads images before any action starts to ensure that Canvas draws images before clearing.

Education

- University of California Berkeley | Class of 2015 | B.A. Economics