Calvin H. Lee

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Work Experience

Quant Five - Software Engineer || May 2017- Present

- Full-stack developer designing and building secure document signing application (link)
- Working in a team of four in charge of UI + 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 (website) || Jan. 2017

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

Projects *(portfolio-page)*

Pix (*live*, *git*) – Social Network 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.

BellenistaSpree – Online Clothing Store (React.js, Redux, Ruby on Rails & Spree)

- Webpack for asset bundling (JS/CSS/Sass/images) with hot reload.
- React.js, Redux, Ruby on Rails, and server side rendering via react-rails gem.
- Utilized existing online commerce frameworks for security and smooth transition.

Invasion! *(live, git)* – 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

Tech & Skills

- JavaScript | React | Redux | Django| Ruby on Rails | jQuery | HTML & CSS | C++ (prior)
- Object Oriented Design & REST-ful APIs