

Calvin H. Lee

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Projects ([portfolio-page](#))

Pix ([git](#)) – Social Network Site Inspired by Instagram (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! ([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.

AdBlockBuff – Google Chrome Extension That Blocks Online Advertisement (JavaScript & HTML)

- Utilizes Google Chrome Extension API to monitor web requests made on the browser.
 - By using *background*, *webrequest*, & *webrequestblocking* within manifest.json, the application is able to run constantly in the background.
 - Block.js can be easily accessed by the user if he/she wants to further customize the application.
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Tech & Skills

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

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

UCI Senior Project Mentor – Resang: Messaging Application | | Current

- Advise students to help them to come up with their structural design for their application.
- Offer practical solutions when students face challenging issues while developing.

Property & Casualty Broker – Harold Lee & Sons Insurance | | Feb. 2015 – Apr. 2016

- Analyze client business operations and issue commercial insurance policies and endorsements.
- Review complex policies, update information, communicate with the underwriters