

# GEORGE LIU

917-331-9638

[georgeliu96@gmail.com](mailto:georgeliu96@gmail.com)

[Personal Site](#)

[LinkedIn](#)

[GitHub](#)

## SKILLS

Javascript, React, Redux, Ruby, Rails, Python, Django, Cypress, AJAX, Axios, SQLite3, PostgreSQL, HTML, CSS, jQuery

## EXPERIENCE

### Clearnomics

*New York City, New York*

*Software Engineer*

*(Aug 2019 - Present)*

- Maintained ownership over the entire frontend as the sole React developer, implemented features ranging from dark mode and reusable modals to admin tables connected with Redux and business logic controlled forms.
- Integrated an end to end testing framework using Cypress that provided over 90% coverage on the site's frontend codebase and closely followed users' potential workflows through the app.
- Produced various fullstack projects, one of which was a Django backend paired with a React interface that identified an advisor or firm within hundreds of thousands of entries parsed from XML into PostgreSQL.
- Implemented a React framework that allowed clients to embed a subsection of the main application through an iframe and secured authorization through domain checking.
- Ensured cross-browser compatibility and mobile responsiveness for styling and functionality, such as correcting for IE11 CSS compatibility issues and allowing for the use of swipe motions on mobile devices.
- Constructed a library of reusable React components to be used both in the main application as well as future projects, alongside various vanilla Javascript helper functions.

### Campus Mobile Solutions

*Urbana Champaign, Illinois*

*Repair Technician*

*(Jul 2017 - Nov 2018)*

*Manager*

*(Jul 2015 - Jul 2017)*

- Supervised new employees, provided training in how to repair over 100 devices, both hardware and software related issues, and instructed on RepairShopr usage.
- Facilitated the opening of a second location, transferring of overhead, scheduling employees, and managing distribution of necessary repair tools and software repair devices.

## ACHIEVEMENTS

DeveloperWeek Hackathon NY - **2nd Place** for creating the web app, *Canon Booth* - [Github](#)

*(Jun 2019)*

*Professional photoshoot experience using Canon's new CCAPI to control the camera remotely and provide a live stream.*

## PROJECTS

**Slick** - (Ruby on Rails, React, Redux, NPM, HTML5, CSS)

[Live Site](#) | [GitHub](#)

*Fullstack clone of the popular messaging web app, Slack, implementing action cables for messages.*

- Designed an efficient backend schema to implement CRUD for users, channels, and messages and communicate to the frontend through AJAX and various HTTP request types and usage of thunk middleware.
- Established Rails channels, action cables, and websockets to produce a near-identical experience of messaging and notifications in real time.

## EDUCATION

**App Academy** - 1000+ hour full-stack web development program with <3% acceptance rate.

*(Spring 2019)*

**University of Illinois at Urbana Champaign** - Bachelor's of Science, Materials Science of Engineering.

*(Spring 2018)*

**Stuyvesant High School** - Consistently top ranked high school in NY & nationwide.

*(Spring 2014)*