

# GEORGE LIU

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[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, implemented various new features ranging from dark mode capability and reusable modals to complex admin tables 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 that were incorporated into the platform, one of which provided an in-house solution to searching and identifying a single advisor or firm within hundreds of thousands of entries.
- Implemented a framework that allowed clients to embed a subsection of the main application through an iframe and secured authorization through an algorithm that compared domains to a list of allowed addresses.
- Ensured cross-browser compatibility and mobile responsiveness for styling and functionality, such as correcting for IE11 compatibility issues and allowing for the use of swipe motions on mobile devices.
- Constructed a library of reusable components hosted on a private repository that could be used both in the main application as well as future projects, alongside a plethora of useful helper functions.

### Campus Mobile Solutions

*Urbana Champaign, Illinois*

*Manager*

*(Jul 2017 - Nov 2018)*

*Repair Technician*

*(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*

*(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)*