

# SCHULER SMALL

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**SKILLS** | **JavaScript** | **Python** | **Node.js** | **React** | **Redux** | **Flask** | **Express** | **SQL** | **Git** | **HTML5** | **CSS3** | **Docker** | **Heroku**

## PROJECTS

SCHUSA | (*React, Redux, Flask, PostgreSQL, SQLAlchemy, Docker, Wyscout, Chart.js*)

[Live](#) | [Github](#)

- Designed an interactive, custom chart with **React** and **Chart.js** to map game data from **Redux**.
- Expedited fetches of 1,000+ events per match using **React Hooks** to filter data thereby decreasing render time.
- Consolidated thousands of data points with **Excel** and **Postbird** for efficient storage and querying.

Robinhood | (*React, Redux, Flask, PostgreSQL, SQLAlchemy, Chart.js*)

[Live](#) | [Github](#)

- Integrated **IEX Cloud's API**, and repackaged thousands of price points for structured data flow.
- Enhanced efficiency of fetching thousands of stock prices with a **Redux** store as well as by saving hundreds of stocks to the database upon search via **IEX**, which reduced load time and API cost.
- Customized user session authentication using **Flask**, werkzeug, wtforms, and **React**.

GreenBnB | (*React, Redux, Express, PostgreSQL, Sequelize, Google Maps API, Amazon Web Services*)

[Live](#) | [Github](#)

- Engineered token-based security infrastructure using **Express**, **Bcrypt**, and **JSON Web Tokens**.
- Developed a search algorithm that reduces API calls by filtering results from the **Redux** store.
- Integrated **Google Maps API** to enhance the user browsing experience.
- Deployed an **AWS S3** bucket for efficient image upload and retrieval from cloud storage.

Veni Vidi Voravi | (*JavaScript, Express, PostgreSQL, Sequelize, HTML5, Pug*)

[Live](#) | [Github](#)

- Architected **AJAX** to update thousands of claps and follows asynchronously, without refresh.
- Visualized a **CSS** grid layout and **JavaScript** sorting algorithm to dynamically display top articles.
- Secured user privacy with backend **Bcrypt** password hashing and frontend authentication required routes.

## WORK EXPERIENCE

Jr. Instructional Assistant and Software Developer, *App Academy, Remote*

Jul 2021 - Present

- Instruct and mentor students individually and in groups (2-100) on the fundamentals of programming in JavaScript.
- Program and refactor hundreds of coding activities and projects using **Agile / SCRUM** methodology.

Campaign Staffer, *Environment California, Los Angeles*

Jun 2019 - Aug 2019

- Engaged over 1,000 Los Angeles residents and raised over \$5,000 to advance legislative bills SB54 and AB1080.
- Trained and monitored performance of 10+ staffers' canvassing skills including Q&A and emotional intelligence.

Technology Strategy Intern, *University of Chicago Polsky Center, Chicago*

Jun 2018 - Aug 2018

- Supported three startups with strategic and analytical projects including marketing and customer conversion.
- Centralized research on hundreds of startups (market size, fit, positioning) and presented to portfolio managers.

## EDUCATION

App Academy - 1,000+ hour full-stack web development intensive with < 3% acceptance rate | Jan 2021 - Jun 2021

University of California, Los Angeles - 3.8, BA Geography, Environmental Systems & Society, Film & Television | 2016 - 2020

## ACTIVITIES AND VOLUNTEER EXPERIENCE

Blog Committee Chair, *UCLA Farmers' Market, UCLA*

May 2019 - Jun 2020

- Increased site traffic 20% by writing articles and designing social media campaigns with the marketing team.

Mentor, *Youth Empowerment Program, UCLA*

May 2019 - Jun 2020

- Mentored and tutored two fifth grade students in all subjects for 3 hours every week.

Consultant & Director of Human Resources, *Clean Consulting, UCLA*

Oct 2018 - Jun 2020

- Saved \$10,000+ and diverted 1,000+ pounds of food waste over a single school year.
- Recruited, interviewed, and selected new consultants from an application pool of 120+ students.