

## SKILLS

JavaScript, Typescript, React, Redux, Ruby on Rails, HTML, CSS, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Pulumi, AWS (s3, Lambda, API Gateway, DynamoDB)

DESIGN: Solidworks, Adobe Suite, Microsoft Suite, Fabrication (Wood, Metal, Glass-Blowing, Mold-Making)

## PROJECTS

**Wearby Parker** | (*Ruby on Rails, Javascript, React/Redux, HTML, CSS, PostgreSQL*)

[live](#) | [github](#)

Clone of the Warby Parker Eyewear eCommerce website. Features include: User authentication, multiple cart functions, product index/show, search and filter.

- Constructed a secure user authentication method to store user's data and developed protected front end routes, to show React components depending on the user's login status.
- Programmed a RESTful API to allow for seamless frontend to backend communication.
- Created corresponding schemas, to allow for efficient product filtering and search without additional queries to the database.
- Managed multiple types of cart items' (for-purchase and try-on at home) CRUD with multi-form submissions for usability.

**Dull** | (*Javascript, HTML, SASS*)

[live](#) | [github](#)

Produced an original interactive color game purely with Javascript, utilizing DOM manipulation for animation to promote color mixing exploration.

- Created both mouse and keyboard game navigation for flexible play.
- Leveraged SASS nesting capabilities for easy organization and readability for my styling.

**Flux** | (*Mongoose, MongoDB, Express.js, React/Redux, CSS*)

[live](#) | [github](#)

Flux is a travel planner that solves two common trip challenges; the dates and the destination. Users can initiate a travel plan and invite their friends and family to join.

- Utilized CSS flexbox and React-Modals for interactive user experience.
- Coordinated asynchronous git workflow, to keep on track for this 1 week project.

**Visitor Counter** | (*Typescript, Pulumi, AWS*)

[live](#) | [github](#)

Quick project to practice Infrastructure as Code, I used Pulumi to manage the AWS cloud services to count website visitors.

- Created an HTTP endpoint using API Gateway, with an asynchronous event handler.
- Deployed Lambda to handle event-driven computing to update count in the NoSQL database, DynamoDB.

## EXPERIENCE

### Web Designer & Business Process Reengineering

*Freelance*

Oct 2016 - present

- Created and maintained social materials and web services for clients; including an ecommerce website and invoicing and scheduling applications.
- Utilized SEO tactics to optimize web sales and boost overall customer engagement, by over 20% for several fashion houses.
- Created brand materials and graphics for pitch decks, websites and marketing campaigns for weekly pushes.

### Design Lead & Head of Manufacturing

*Freelance*

July 2015 - Mar 2020

- Managed product delivery for a large jewelry company; from design & manufacturing to marketing & sales.
- Presented my designs to my client's distributors for product launches at major retailers (Anthropologie, Nordstrom and many more) and took lead in all branding materials.
- Collaborated with several major brands and public figures, provided in-depth, brand-cohesive design decks and maintained manufacturing timelines.
- Advised & assisted several new brands with a methodology for manufacturing in China, producing significant reduction in product defects.

## EDUCATION

Carnegie Mellon University - BFA Industrial Design - 2011-2015

[AppAcademy](#) - An intensive 16-week, 1000-hour full-stack web development course with a 3% acceptance rate - 2021

## AWARDS

Bio-Medical Engineering Design Award - Carnegie Mellon University Engineering Department - 2015

Student Research Grant (SURG) - Carnegie Mellon University - 2015