

Simcha Cohen - Software Engineer

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PROJECTS

Blissana - Ruby on Rails, Ruby, React + Redux, Json, PostgreSQL, JavaScript, HTML, CSS

[Live](#) | [Github](#) *Full-stack single-page web app aiding teams intuitively track and manage their tasks to complete projects.*

- Optimized performance by eliminating n+1 queries using Rails eager-loading.
- Reduce loading times by bootstrapping team data to the browser window.
- Organized front-end React routes to redirect a user to their projects.
- Maintains tasks sequence in linked-list for better performance and scalability when reordering.

CapMan - JavaScript, Canvas, HTML, CSS

[Live](#) | [Github](#) *Web browser game inspired by the retro 80's pacman game.*

- Implemented collision detection algorithm that operates in constant time.
- Integrated the grid and HTML5 Canvas to seamlessly transition CapMan and the ghosts.
- Utilized original graphics and sound effects to inspire nostalgia for the user.

SKILLS

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|--------|---------------|-----|------------|-------------|--------|
| Ruby | Ruby on Rails | SQL | JavaScript | React | Redux |
| JQuery | HTML | CSS | Canvas | Adobe Suite | Sketch |

EXPERIENCE

Junior UX Designer - Criterion 360 | New York, NY | 2017 - 2018

- Created user flows and UI for an advanced software being developed.
- Took user flows from the sketching stage to high-fidelity mockups in agile environment.
- Ideated on important features to build, and participated in Information Architecture discussions.

Graphic Designer - Freelance | Brooklyn, NY | 2017

- Designed assets including invitations and promotional/marketing material for a variety of clients.

Account Manager - TWI Watches | Industry City, NY | 2012- 2016

- Lead and designed marketing strategy for accounts, resulting in an increase in consumer sales.
- Onboarded and trained new employees for success in roles.
- Developed automated excel reports for order fulfillment and inventory management.

EDUCATION

App Academy - New York, NY | April 2018 - August 2018

1000-hour software engineering bootcamp with a 3% acceptance rate.

Coursework: Ruby, Ruby on Rails, JavaScript, React, Redux, JQuery, SQL, HTML 5, CSS

Touro College - Brooklyn, NY | 2012 - 2015

Bachelor of Science in Digital Multimedia Design (3.6 GPA)

Coursework: Graphic Design, HTML, CSS