



Sam Stark Web Designer

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[Portfolio](#) [LinkedIn](#) [Github](#)

**SKILLS** JavaScript, React / Redux, Python, Express Server, Flask Server, CSS / SCSS, Full-Stack Development

## PROJECTS

Booth It | (*React / Redux, SCSS, React-Spring, Flask, SQLAlchemy, AWS, socket.io, Docker*)

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

A companion app for 'SupDog that recreates trade shows and conventions for an online audience. *Solo Project*

- Incorporated a live messaging feature with chat rooms for every booth's profile by creating event handlers with websockets.
- Designed several animations using React-Spring to create an enticing experience for users while navigating the application.
- Developed unique layouts to reduce sense of priority among trade show booths by leveraging a dynamic hexagonal grid with SCSS. Populated grid with content using React hooks and HTTP calls to Flask server.

'SupDog | (*React / Redux, CSS3, Express, Sequelize, AWS, Heroku*)

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

An event organizing web app inspired by the functionality of *Eventbrite* and the aesthetic of *Popdog*. *Solo Project*

- Streamlined user experience by allowing users to crop images prior to upload on the frontend utilizing a JavaScript canvas and converting the blob object to an image for upload to the backend server to upload to AWS S3 Bucket hosting.
- Created custom dynamic input component library with React and vanilla CSS animations to make the application feel personalized.
- Encouraged users to secure tickets for events by displaying remaining amounts from queries to a PostgreSQL database using Sequelize as an ORM.

Never Forget | (*JavaScript, HTML5 / Pug.js, CSS3, Sequelize, Express*)

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

A single page *Remember the Milk* clone where users can create and sort to-do tasks. *Team Project (4)*

- Created a seamless user experience using AJAX calls to update task lists and task summary metadata (*tasks complete and time*).
- Engineered a dynamic task creation bar by using front-end Regex recognition in conjunction with Sequelize queries on the back-end. Adds bonus functionality of onClick event handlers to modify input values and dynamic search drop-down.
- Led charge on recreating look and feel of original application using vanilla CSS. Added additional embellishments with CSS animations and transitions.

## EXPERIENCE

Junior Technical Director

NA Collective LLC.

Jun 2018 - Jun 2021

- As the company's first remote employee, travelled and produced 25+ events in national and international markets, focusing on technical aspects and how they fit into the whole picture (*or how to keep them out of the pictures!*)
- Worked in collaboration with internal and external design teams and producers to create experiences to match client goals. Discussed with clients the best way of accomplishing goals or alternative methods of matching goals.
- Balanced budgets up to \$750k and worked with external Audio-Visual, Scenic, Balloon, etc. vendors to meet client expectations both financially and aesthetically.
- Coordinated crews of 50+ members for load-ins and load-outs on tight schedules and deadlines.

Junior CAD Drafter

Technical Producing Group

Oct 2017 - Jun 2018

- Created CAD draftings for marketing events for major brands including Twitter, LG Electronics, IBM, and more.
- Served as an assistant on site for technical directors. Provided resources and coordination for on-site vendors.
- Took measurements and created detailed sketches in order to create site plans of venues for teams of designers and technical directors to work off of.

## EDUCATION

Carnegie Mellon University - BFA, Drama *Scenic Design*, 2013-2018

*Additional coursework includes 15-112 Fundamentals of Programming and Computer Science*

AppAcademy - 2021

*1000 hour immersive full-stack web development intensive*