CATHERINE KIM

(703) 309-7653   catkimyj@gmail.com   New York, NY   **PORTFOLIO**   **GITHUB**   **LINKEDIN**   **ANGELLIST**

SKILLS

JavaScript, React, Redux, HTML5, CSS3, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Photoshop, Illustrator, InDesign

PROJECTS

PROFFERLY (MongoDB, Express.js, React/Redux, Node.js, Google Maps API, AWS, HTML5, CSS3)   live | github

A volunteer app born during the COVID-19 pandemic, Profferly is a platform for the community formed around lending a hand

- Collaborated with three other engineers using Git workflow practices, to manage branches and pull requests in order to avoid merge conflicts and maximize group productivity.
- As front-end lead, applied webkit keyframes to create custom and loader animations for smooth page load and enhanced user experience. Leveraged AOS library to animate on scroll for loading posts, improving interactivity and responsiveness.
- Created promise-based Axios requests via Express.js routes to work alongside React props and Amazon Web Services S3 (AWS), which authorizes users to create posts with optional image upload.

WORDPLAY (Rails, React/Redux, HTML, CSS, PostgreSQL, AWS)   live | github

A single-page, React-Redux spoken-word and poetry annotation app built on a RESTful JSON Rails API - a clone of the Genius app

- Built user authentication system with BCrypt using Rails and React Router to validate user's account for protected routes. Implementation of client cookies permit server to retrieve user login to persist across sessions.
- Engineered custom functions by integrating window and selection properties, to extract and capture user selection and user input. Users have the ability to highlight text and save an annotation to the selection.
- Incorporated Amazon Web Services S3 (AWS) to store user media to reduce server load and increase scalability.

DEPTH PERCEPTION (JavaScript, HTML, CSS, Anime.js)   live | github

The idea of letting go and achieving deeper meditation and higher consciousness, formulated into a visual app using timed animations

- Employed Anime.js library to apply timed animations to user-input text via custom functions, which envelops each character in an HTML span tag, and sets duration and delay per character depending on lengths of input and music.
- Designed and styled via CSS and keyframe animations to execute subtle and gradual transitions to showcase soft aesthetics.

MINTBOT (JavaScript, HTML, CSS, Botkit.ai, ResumeJSON)   live | github

Using a parsed JSON file of a working professional's resume, MintBot represents the professional to chat with recruiters

- By integrating Botkit.ai and a parsed JSON file of an individual's resume created via ResumeJSON, MintBot recognizes keywords from the hash of resume data to present information to recruiters and potential employers in an interactive chat bot.
- Constructed custom functions - one which maps through user input to compare characters to those of possible keywords and recognizes misspellings, and another which compounds an array of strings into a grammatically-correct sentence structure.

EXPERIENCE

Founder / Designer, *Forsythia Studio*   Aug. 2017 - Dec. 2019

- Designed, modified code, oversaw traffic analysis, and managed e-commerce website and social platforms.
- Designed 25+ garments per collection for at least two collections per year.
- Regularly communicated with factories, freelancers, contractors, PR teams, and agencies.
- Retouched all photos and created graphics for the company website and promotions.

First Creative Pattern Maker, *Marchesa*   Nov. 2018 - Nov. 2019

- Drafted patterns for 10+ garments per season for six collections per year, and supervised the process and execution.
- Attended all production meetings to analyze garments for fit and technical errors.
- Managed 6+ sewers, and mentored 3+ interns and a junior pattern maker in technical and non-technical skills in the atelier.

Assistant Designer / First Pattern Maker, *Christian Siriano*   Sept. 2013 - Mar. 2017

- Assisted in design execution and worked closely with founder Christian Siriano.
- Patterned garments for five collections per year, each collection consisting of an average of 50 looks.
- Constructed patterns of custom garments for private clients and celebrities.
- Managed studio and communicated with the production team for efficient garment production.

EDUCATION

Software Engineering - *App Academy*   Graduated July 2020

BFA in Fashion Design | Minor - Art History, French - *Fashion Institute of Technology*   Graduated May 2013

Dietetics Program - *James Madison University*   Aug. 2007 - May 2009