CATHERINE KIM

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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.
- Managed frontend development as frontend lead, and designed and styled all pages using HTML5, CSS3, and the AOS library for seamless, smooth transitions between pages.
- Created promise-based Axios requests via Express.js routes to work alongside React props and Amazon Web Services S3 (AWS) for posts and comments with optional image uploads.
- Incorporated Google Maps API by retrieving a custom Google API key and creating onClick functions allow users to create volunteer opportunities as markers. Each user-created marker is stored as data in MongoDB to populate the map on render.

WORDPLAY   (Rails, ReactJS, 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 built on bcrypt using Rails, Active Records, and React Router for user's account to be validated for protected routes.
- 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.
- Utilized React lifecycles methods to fetch user-input data from React store, loading all user annotations for each poem show page.
- Incorporated Amazon Web Services S3 (AWS) with Ruby on Rails Active Storage Blobs 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

- Utilized HTML, CSS, JavaScript, and Anime.js library to apply timed animations of user-input text via custom function that sets duration and delay per character depending on length of input and length of selected music.
- Designed and styled via CSS and JavaScript for smooth transitions that reflect the calming voice and aesthetics of the application.

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

Web Development - *App Academy*   Graduated July 2020
  Immersive software development course with a focus on full-stack web development, which entailed 1000+ hours of coding.

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

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