

KIMI ZOU

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

- **Coding:**
Proficient - HTML, CSS, JavaScript, React, Redux, Node.js, Express.js, PostgreSQL, Git
Familiar - Sass, TypeScript, Python, Flask, Mocha/Chai, Jest, Socket.IO, Docker
- **Design:** Sketch, AdobeXD, Figma

EXPERIENCE

Web Developer (volunteer) - Roosevelt Island Residents Association (RIRA) July 2021 - present

- Collaborates with product manager and engineering team to design and develop a web platform for communicating news and updates to residents as well as collecting feedback on concerns.

Graphic Designer - PSFK April 2020 - Aug 2020

- Increased the number of subscribers by collaborating with the research team to design weekly market trending analysis debriefs and market research reports of over 50+ pages.
- Cooperated with art director and marketing manager to create marketing materials for a 3-day virtual entrepreneur forum with 25+ participating companies.

Bank Teller - Citibank Aug 2017 - Jun 2018

- Mastered banking operating systems within 2 weeks and provided one-on-one training to 4 new employees, accelerating the onboarding process.
- Upheld strict banking regulations and procedures, ensuring the security of financial transactions and assets.

PROJECTS

Make a Wish (React, Redux, Express.js, Socket.IO, AWS S3, HTML Drag and Drop API) [live | github](#)

A birthday reminder app built for users to share birthday gift wishes to friends and family.

- Optimized server performance and enabled scalability of image services by incorporating Multer middleware and AWS S3 with Express.js to handle file uploads and storage.
- Integrated Socket.IO with Express.js to enable bidirectional communication between server and client, dramatically improving user experience by facilitating real-time notifications.
- Leveraged HTML Drag and Drop API to allow users to easily toggle wish status between private and public.

Cheonjae Genius (React, Redux, Python, Flask, Docker, React Player) [live | github](#)

A Genius clone created for passionate K-pop fans.

- Utilized Web Selection and Range objects to access and store startOffset and endOffset locations to PostgreSQL database and reproduce DOM text highlights during rendering.
- Incorporated React Player to provide an enriching user experience by allowing users to play audio and video resources of a song.
- Leveraged Flask, WTFForms to validate incoming data and secure users confidential data with CSRF protection.

AnimeCloud (React, Redux, Express.js, AWS S3, React-Bootstrap/Carousel, wavesurfer.js) [live | github](#)

A full-stack SoundCloud clone made for Japanese Anime lovers.

- Ensured seamless audio streaming experience during navigation by creating top-level music player utilizing HTML5 audio element and maintaining audio state with React Context and Redux Store.
- Built a UI appealing slideshow landing page by integrating the Carousel component of React-Bootstrap.

ChoreScore (Vanilla JavaScript, Node.js, Express.js, Sequelize, Pug) [live | github](#)

A Remember the Milk clone made to assist users in completing their chores with a to-do like system.

- Adhered to RESTful API best practices to design Express.js backend routes.
- Reduced AJAX calls by constructing one-to-many relational tables so that we can make one join query for data from multiple tables.

EDUCATION

App Academy - Software Engineering | Spring 2021

Shillington - Graphic Design | Spring 2020

University of California, Berkeley - Bachelor of Arts in Music | Summer 2017