# Karl Fleener

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Iowa-raised, New York-based. I am a front end engineer who fuses engineering with design to transform solutions into beautiful and intuitive experiences. When I'm not coding, you can find me in the gym or playing volleyball.

## ABOUT

### Skills

JavaScript (React, Redux, jQuery)
Ruby (Rails)
HTML
CSS (Sass, Bootstrap)
Adobe CS (Photoshop, Illustrator, XD)

### Education

App Academy
Jan 2020 – May 2020 | New York, NY
16-week software engineering bootcamp

Iowa State University
Aug 2011 – Dec 2015 | Ames, IA
Bachelor of Science
Apparel, Merchandising, and Design

### Organizations

Gotham Volleyball
Feb 2017 – Present | New York, NY
Member of LGBTQ+ nonprofit organization

NAGVA
March 2018 – Present | International
Member of LGBTQ+ nonprofit organization

## EXPERIENCE

### Front End Engineer, Kinetx Co
May 2020 – Present | New York, NY
o Oversaw UI/UX design for Kino video chat platform and created alignment amongst team to execute vision.
o Collaborated on interactive product walkthrough, educating new users on core features of Kino platform.
o Spearheaded the identification and reporting of over 100 bugs, errors, interoperability flaws, improving initial product launch.

### Patternmaker, Ferrara Manufacturing
April 2019 – Sept 2019 | New York, NY
o Fixed and aligned automated patterns to client measurements, reducing specification errors by 20%.
o Enabled automatic cutting of plaid styles using Gerber, increasing productivity by 15% on matching styles.

## PROJECTS

### Pintoit (Website | GitHub)
o Created and deployed a full-stack app inspired by Pinterest using React, Redux, and Ruby on Rails.
o Engineered full CRUD functionality and ensured user privileges through front & back end authentication.

### Felix (Website | GitHub)
o Led team of 4 in front end development for app that provides curated content in sync with user's mood.
o Conceptualized and designed UI/UX of platform.

### Algo Visualizer (Website | GitHub)
o Built a VanillaJS app that grants users access to see how sorting algorithms operate.
o Implemented Bubble Sort and Quick Sort algorithms.