

Work Experience

Freelance

Sep 2022 - Present

Design Engineer

- Implemented image features for zoom, scaling, and fallbacks on thumbnails and display images to improve rendering time by 30%
- Developed and implemented design systems in React, Web Components, and Storybook for a team of 20 developers to remove friction in component development

Reboot

Jul 2021 - Present

Creative Director and Fellowship Lead

- Collaborated with cofounders to design and implement a color, brand and type system in Figma
- Created illustrations, graphic illustrations, and collages for merch launches with \$1k purchases since Jan 2023

Blend

May 2021 - Aug 2021

Software Engineering Intern - Consumer Banking Team

- Migrated cross sell product offering into a microservice in Typescript, resulting in a 40% decreased latency, and 0.3% downtime decrease
- Implemented background event streaming using Kafka and deployed via Docker to fetch and send emails to potential customers
- Reworked email templates in React to utilize reusable components and built out cross sell emails for future marketing

Ask Iggy

Jan 2021 - May 2021

Software Engineering Intern

- Launched a React and Flask CSV upload tool with multithreading that allowed users to augment their location data to 50+ users with a 70% conversion signup rate
- Developed libraries in Python and Javascript to extend internal API usage with Geopandas for enrichment
- Implemented responsive graphs in React using D3 to track user API usage, location calculations, and user growth

Projects

Kernel Magazine

Spearheaded print and web design, illustration, and layout for Kernel, a literary magazine on techno-optimism with \$12k worth of copies sold

Brown RISD Innovation Community

Cofounded product & design studio on campus to foster cross-collaboration between campuses. Led workshops on prototyping, brand design, and programming

Black Poetry Creator

Web app built in React that generates blackout poems based on a Markov Model trained on 4 million lines of poetry. Built out library for basic text editor

Education

Brown University

Sept 2018 - May 2022

B.S. in Applied Math and Computer Science (Design)

GPA: 3.9

Organizations: Dorm Room Fund, Brown RISD Innovation Community, Aerial Acrobatics

Relevant Coursework: Designing Humanity Centered Robots, Computer Vision, Graphic Novels and the Politics of Memoir, Mapping Information, Intro to Graphic Design, Intro to Film Photography, Information Theory

Skills

Graphics: Three.js, Blender

Design: Illustrator, Photoshop, Indesign, Figma, Robofont

Engineering: React, TS/JS, Python