

Jacob Bloom

Contact Information

jacobbloom.dev

mr.jacob.bloom@gmail.com

github.com/mrjacobbloom

Languages

Seasoned

JavaScript / TypeScript

HTML5

CSS / SASS

Proficient

C / C++

Python

SQL

Technical Skills

Web Design / Front-End

React / JSX / TSX

Web Animations

SVG / Canvas

Bootstrap

jQuery

Web Accessibility

Responsive Design

Node.js / Back-End

Mocha / Chai

Jest / Testing-Library

MongoDB / Mongoose

Git / Microsoft TFVC

GitHub / NPM / ADO

Regular Expressions

Interpreters / Parsers

Other Skills

Graphic Design

Photoshop / Adobe CC

Customer Service

Music Production

Singing / Piano

Choral Arrangement

Choral Direction

I'm a fun, energetic, resourceful programmer with a passion for JavaScript, and particularly metaprogramming and esoteric TypeScript. I've spent the last 5 years working with TypeScript/React and the MERN stack at Anark, though programming has been a passion of mine since childhood.

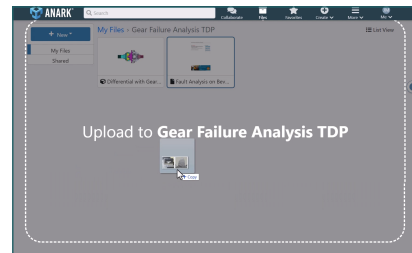
Work Experience

2019-present

Anark - Software Engineer III - Apps Team

Product: cloud-based technical content hosting using MERN+TypeScript stack, Mocha+Chai test suite

- Built client side of Work Management system
- Mocked up, re-skinned, and largely refactored the entire front-end
- Built client side of File Sharing application (image on right)
- Architected and built low-code "TemplateAPI" system, enabling clients to deeply customize our product



2017-2019

CU Boulder - ServiceNow Student Developer

Provided support & custom-built solutions for CU IT's SaaS issue tracker/ticketing system

- Oversaw development of a Node+Selenium test suite
- Developed new user onboarding course and videos

2015-2017

CU Boulder - Service Center Student Lead Analyst

Provided tech support to the CU Boulder campus over the phone, via email, and online

- I built tooling to improve personal & team workflows

Education

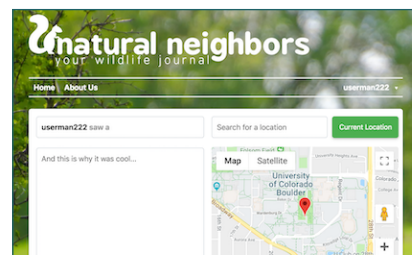
University of Colorado Boulder (2015-2019)

- BA in Computer Science
- Certificate in Design Technologies

Personal Projects

Natural Neighbors JS

- Lead Developer / UI Design
- Agile group project in a Software Development class
- Express.js, Travis CI, Heroku
- Social Network for wildlife enthusiasts to post about animal sightings



Notochord JS

- Ongoing personal project
- Jazz lead-sheet editor / chord player
- Domain-specific language for declaratively describing musical styles

