

Jacob Bloom

Contact Information

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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 / GitHub / TFVC

Regular Expressions

Interpreters / Parsers

MIDI

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-now

Anark - Software Engineer III - Apps Team

- Product: cloud-based technical content hosting
- I spearheaded several projects:
 - 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 (think Dropbox or Google Drive)
 - Architected large portion of low-code "Template-API" system, enabling deep client customization
- Company operated under Agile principles
- MERN+TypeScript stack, Mocha+Chai test suite

2017-2019

CU Boulder - ServiceNow Student Developer

- CU's IT used a SaaS issue tracker/ticketing system
- We provided support & custom-built solutions
- I oversaw development of a Node+Selenium test suite
- I developed new user onboarding course and videos

2015-2017

CU Boulder - Service Center Student Lead Analyst

- We provided tech support to the CU Boulder campus over the phone, via email, and online
- I built tooling to improve personal & team workflows

Education

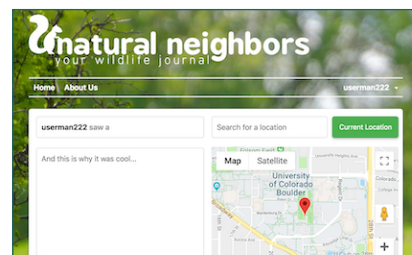
University of Colorado Boulder (2015-2019)

- BA in Computer Science
- Major GPA 3.5
- 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

