

# Jacob Bloom

## Contact Information

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[github.com/mrjacobbloom](https://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.

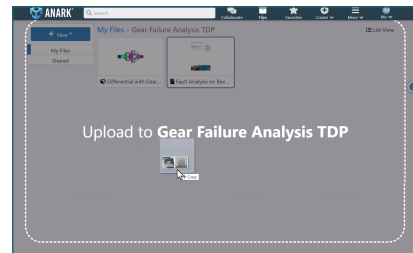
## Work Experience

2019-now

### [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  
↳ *Pictured*
- 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

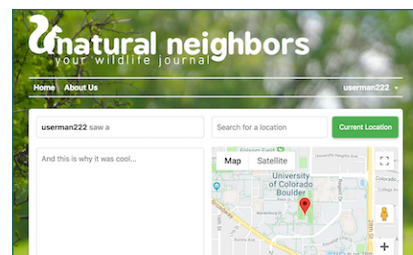
University of Colorado Boulder (2015-2019)

- 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

