

Jacob Bloom

Contact Information

mrjacobbloom.github.io

mr.jacob.bloom@gmail.com

github.com/mrjacobbloom

Languages

Seasoned

JavaScript

SQL

HTML5

CSS / SASS

Proficient

C / C++

Python

Technical Skills

Web / UI Design

Node.js / Full-Stack

Git / GitHub

SVG & Canvas

Responsive CSS

Semantic HTML

CSS Animation

React / JSX

jQuery

Database Administration

ES Modules / Universal JS

Express.js

Regular Expressions

Interpreters / Parsers

(E)BNF Grammars

ServiceNow / Rhino

MIDI / Generative Music

LaTeX

Other Skills

Graphic Design

Human-Centered Design

Photoshop / Adobe CC

Customer Service

Music Production

Singing / Piano

A Cappella Arrangement

Choral Direction

I'm a fun, energetic, resourceful programmer with a passion for JavaScript. I have egregious levels of experience in both client- and server-side JS. I'm well-versed in a few other languages and pick up new ones quickly!

Work Experience

2017-present

CU Boulder - ServiceNow Student Developer

- CU's issue tracker/ticketing system
- Provided escalated support to internal users
- Oversaw development of Node/Selenium test suite
- Developed training course and videos for new users

2015-2017

CU Boulder - Service Center Student Lead Analyst

- Provided tech support to the CU campus
- Over the phone and online
- Developed tooling to improve team workflows

Education

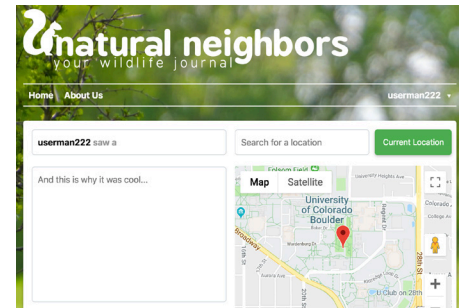
University of Colorado Boulder

- BA in Computer Science - Graduating May 2019
- Major GPA: 3.5 (Cumulative GPA 3.1)
- Certificate in Technology, Arts, and Media

Projects

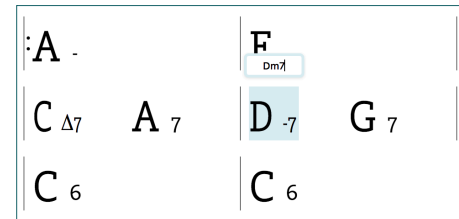
Natural Neighbors JS

- 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



Fruit C++

- Final project for an OpenGL class
- A 3D drag-and-drop cooking game



Activities

In The Buff Men's A Cappella - Music Director

- Member 2015-2019
- 2 years as Marketing Director before taking on Music Director
- Oversaw recording, licensing & distributing an album
- Managed preparations for 25th Anniversary concert