

Matthew Wetmore

Generalist with a background in theory and expertise in frontend development. Focused on building reliable, maintainable, and fast software. Passionate about making tools people love to use and creating interactive experiences.

Glenside, PA 19038
267 992 6013

wetmore.matt@gmail.com
mattwetmore.me

github.com/wetmore

Work Experience

Independent Contracting

Remote *Venga* · vengaclimb.com · *Tools used:* Typescript, React Native, Styled Components, Expo, GraphQL, Storybook.js
May 2020 - Jun 2020

- Added user profiles and follow functionality to a mobile app for climbing gym members.
- Made creating and maintaining UI components easier by introducing Storybook.js to the development process.

Remote *Safety in Numbers* · safe7y.com · *Tools used:* Django, Vue.js, Webpack
Apr 2020

- Built custom web app for quick human-annotation of unstructured data needed for machine learning.

Google · Software Engineer · *Tools used:* Javascript, Java, Python, GoogleSQL, Blaze, Closure Tools

New York, NY *Ephemeral Events*
Aug 2016 - Apr 2018

- Developed new search result UI elements for events such as Fashion Week (2016, 2017), the Academy Awards (2017), and the Winter Olympics (2018), and generalized them for use in other events.
- Designed and built a dashboard for monitoring traffic to team's features, providing insights such as which events were most popular or which queries were most popular for an event. This dashboard was essential to scaling feature rollout from a few events to thousands of events.
- Architected the data model and log aggregation pipeline underlying the dashboard. Gave particular care to ensuring the dashboard loaded quickly and its data model was ergonomic for writing one-off queries.
- Implemented a live countdown UI which appeared on the results page for upcoming events.
- Managed interns, and mentored new hires on other teams as part of employee mentoring program.
- Conducted on-site interviews and represented company in on-campus recruitment efforts.

New York, NY *Knowledge Exploration*
Sep 2015 - Sep 2016
Summer 2014 (Intern)

- Introduced automatic support for right-to-left (RTL) languages to Oleo, an internal framework for creating "immersive" (interactive, app-like) search results.
- Launched immersive results for TV/music/film queries in Arabic- and Hebrew-speaking countries.
- Maintained Oleo and added new features used for the Google Trips UI and the 2016 Olympics experience.

Montreal, QC *Scheduling Direct* · Frontend Lead · *Tools used:* Backbone.js
May 2013 - May 2014

- Architected and implemented the employee and manager user interfaces for a shift-scheduling application.

New York, NY *Boxee* · Intern · *Tools used:* D3.js, Backbone.js
Summer 2012

- Developed interactive social graph visualization tool, used to analyze the growth of a new product.

Skills, Activities and Interests

Technology Skills

Javascript, Typescript, React, Vue, React Native, Python, Django, SQL, Haskell, Java, Rust, Unix, Git, WebGL

Activities

May 2018 - Mar 2020
Converted a cargo van into a mobile home, and lived in it while traveling North America and rock climbing.

Interests

Graphics, Generative art, Functional programming, Design, Rock climbing, Snowboarding, Woodworking

Education

McGill University **B.Sc. (with Honours)** Mathematics & Computer Science · **Minor** Physics · **GPA** 3.53
Montreal, QC *Notable coursework:* Logic and Computation, Formal Verification, Algorithm Design, Topology, Real Analysis
2010 - 2015