

Summary

- 10X developer at a startup that grew from 12 to 35 over 2 years.
- Creative systems thinker that provides value across changing business requirements.
- Empathetic problem-solver that loves to learn, laugh, and help others.
- Lead developer with a history of taking projects from 0 to 1 and beyond.

Shipped production code with



Ruby



Python



Rails



MongoDB



Elixir



ES2015



Redis



PostgreSQL

Education

- University of Waterloo
Candidate for BAsC in Systems Design Engineering, 2023
- Bitmaker Labs / General Assembly
Youngest graduate of 9-week Full-stack Rails Bootcamp, 2014

Now in SF Software Engineering Fellow

January 2019–April 2019 @ Q Labs

Developing ETL pipelines in Python, improving the resiliency of existing projects, developing internal libraries to improve developer output, and operationalizing data science.

Before in Toronto Full-stack Developer

August 2016–March 2019 @ #paid inc.

Interim CTO of a 5-person engineering team in 2H2017.

Preferred technical special projects lead on most #paid greenfield initiatives:

- + Junior designer and test-driven developer of V1 and V1.X of 3/5 customer experiences.
- + Test-driven development of V1 and V1.X of a concurrent Elixir microservice powering customer insights.
- + Growth developer that contributed data on 50,000+ medium-qualified creators to the onboarding pipeline. Designed and developed a Google Sheets script to ensure Virtual Assistant data processing quality.
- + Front-end developer on a mission-critical website redesign with an ASAP timeline. Delivered in 1 week with jQuery, Bootstrap, and SCSS.
- + Developed a proof-of-concept serverless JavaScript ES2015 application with AWS Lambda.
- + Microservices and exploratory graphical data analysis in Python.

Defined, coached, pair-programmed, reviewed code, and supported developers in the delivery of features, small projects, for 1–4 hours a day to improve their skills and remove development roadblocks.

Always Learning

Interested in the application of deep learning methods towards user recommendations. Beta-testing a software product that brings more joy to music lovers. Performing customer research, designing a brand identity, developing and iterating on an MVP, ruminating on onboarding flow, and prioritizing my tasks.

Authored Open Source Libraries

CSV.js *JavaScript*

A simple, blazing-fast CSV parser and encoder.

★ 1,454 GitHub stars, 5,000–15,000 weekly downloads
npmjs.com/package/comma-separated-values

geocoder *Elixir*

The go-to geocoding solution for Elixir.

★ 54 GitHub stars, 37,161 all-time downloads
hex.pm/packages/geocoder