

Conor Barnes

Full Stack Developer

Halifax, Nova Scotia, Canada

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WORK EXPERIENCE

Frontend Developer - Melange Technologies

02/2021 - 04/2022

- Autonomously built a mobile application in **React Native** and deployed to app stores. Shipped MVP **two weeks ahead of schedule**.
- Converted JavaScript codebase to **TypeScript**.
- Built internal admin panels with **React** and **Node** frameworks, including **Fastify** and **Nest**.
- Built our [landing page](#).
- Deployed sites to **AWS Amplify**.
- Assisted with building and testing **Go** and **Rust** applications.
- Wrote **documentation** for our **animation** libraries, styling preferences, and deployment practices.
- Implemented server load testing via **AWS**.

Cataloguer - Okanagan College Library

08/2019 - 11/2020

- Built scripts to automate cataloguing.
- Automatically **web scraped** for resource metadata.
- Worked with team on library-wide initiatives.
- Assisted students with project research and citations.

Ambassador - Letter

08/2019 - 11/2019

- Reached out to 100+ potential participants for collaborative writing competition.
- Researched potential participants, automated advanced Twitter searches using TweetDeck to find new participants.

Writer

2018 - Present

- Writing [100 short stories](#) as a challenge for 2022.
- Wrote [blogposts](#) shared by [Tim Ferriss and discussed](#) with 400+ comments on Hacker News.

PERSONAL PROJECTS

[Pixel Sorter](#)

- In-browser image glitcher.
- Built to make [pixel sorting](#) accessible to non-developers.
- Uses web **worker thread** and **TypedArrays** for improved performance and memory usage.

[Tonal Distancing](#)

- Word proximity detector. Includes website access and CLI tool built with **React** and **Rust (Rocket)**.

[touchsx](#)

- CLI tool for creating tsx files with boilerplate, built with **Rust**.

Decision Journal

- Decision-making tools as web app (In-progress), built with **React** and **NestJS**.

[next-nest](#)

- **Monorepo** template with **NextJS** frontend and **NestJS** backend.

Patreon Rewards Checker

- **Go** program that check's friend's Patreon and updates her Notion.
- Runs as a weekly cron job via Github Actions.

Open Source Contributions

- [Anagrams game feature PR](#)

EDUCATION

Library and Information Technician Diploma - Seneca College

09/2017 - 04/2019

Award: President's Honours List

PASSIONS

- Effective Altruism
- Haiku
- Chess