Conor Barnes

Frontend Developer

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github.com/ideopunk

WORK EXPERIENCE

Frontend Developer - Melange Technologies

02/2021 - 04/2022

➔ Autonomously built a mobile application in **React Native** and deployed to app stores.
➔ Converted **JavaScript** codebase to **TypeScript**.
➔ Built internal applications with **React** and **Node** frameworks, including **Fastify** and **Nest**.
➔ Built our landing page.
➔ 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 metadata creation, updates, and deletion.
➔ **Web-scraped** for resource metadata.
➔ Worked with team on library-wide initiatives.
➔ Assisted students with 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.
➔ **React**, **Rust (Rocket)**.

touchsx

➔ CLI tool for creating tsx files with boilerplate.
➔ **Rust**.

Decision Journal

➔ Decision-making tools as web app (In-progress)
➔ **React**, **NestJS**

next-nest

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

EDUCATION

Library and Information Technician Diploma - Seneca College

09/2017 - 04/2019

Award: President's Honours List