Wyatt Carss

Leader, Developer, and Fact Sponge.

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https://wcarss.ca

https://github.com/wcarss

Selected Work

Backend Staff Engineer, Financial Services   Shopify

Feb 4th 2024 – Present   (Remote) Ottawa, ON

- Primary technical owner of a Shopify-scale migration of **millions of merchant bank accounts** and **hundreds of millions of dollars** between banks, while keeping people's **businesses running smoothly**.
- Responsible for presentations, **tech design**, cross-team and in-team co-ordination, heavy lift programming, and many long hours running jobs and **owning fixing of fires**.
- Mostly coding in **Ruby**, some JavaScript.

Senior Engineering Manager   Daily

Nov 2021 – Nov 2023   (Remote) San Francisco, CA

- Managed the Client SDKs team (of 10), covering **all of our browser and mobile client libraries**.
- **Huge technological scope** across my team: a Rust common core with JS+Typescript, C, C++, Kotlin, Swift, Python, and Obj-C APIs, build+CI glue, demo apps, github/npm/cocoapods/SPM/maven deploys, doing intensive async networking+video work to offer a **world-class, cross-platform WebRTC SDK**.

Full Stack Engineer (Staff+ level, early startup)   Wisely

Jan 2019 – Nov 2021   (Remote) Toronto, ON

- Primarily **JavaScript** and **Python**, using React+Redux, FeathersJS, MongoDB, and **TensorFlow**.
- **Truly full-stack**: DNS and networking infra, GCS+**Kubernetes** config, DB infra and optimization, Machine Learning R&D, tuning, and deployment, **auth flows**, framework code rewrites, CRUD business logic, advanced custom JS menus, **CSS fixes**, user research — the list goes on!

Engineering Manager, Payments   FreshBooks

Feb 2012 – Sept 2017   Toronto, ON

- Mentored and coached **a hugely successful team** of ~5 developers from **all experience levels**.
- Major role in achieving **PCI compliance** via tokenization migration, covering **billions of dollars** of recurring billing: leading, process and tech design, coding, and audit work.
- JS, Python, PHP, and Ruby code+docs for APIs, integrations, and features **used by millions of people**.

Education, Internships, and Honours

Hon. Bachelor of Computing   School of Computer Science, University of Guelph

2007 – 2011   Guelph, ON

- **President** of the CS Club and Senator for the Bachelor of Computing Degree.
- **Internships:**   **Google**: Cross-platform content-editable text selections and test infra on **WebKit**.

  Microsoft: Link tunneling from sandboxed docs, w/ code in **Word, Excel, & PowerPoint**.

Award of Excellence   Innovation Guelph / Chamber of Commerce

2011   Guelph, ON

- Created **The Guelph Seven** and worked as an organizer, fundraiser, and developer on the project.