

## Experience

### Wave (acquired by H&R Block)

**Toronto, Ontario**

*Staff Engineer*

*2018 – Present*

- Lead strategically important projects, develop and advance Wave’s technology strategy.
- Define Wave’s enterprise architecture and best practices for software development.
- Build frameworks, processes, and tools that support developer adoption of standards.
- Investigate existing and emerging technology to find opportunities to innovate.
- Mentor, plan cross-team architecture, run retrospectives for incidents, and run workshops to educate the Delivery organization.

*Engineering Manager*

*2015 – 2017*

- Technical lead of Accounts Receivable product group (Invoices, Estimates, Recurring Billing, Customer Statements, Payments Integration) with managerial responsibilities over 8 Engineers.
- Lead planning and implementation of a new architecture for Wave’s frontend, including a design system, build system, and standards to enable rapid web development.
- Invoicing frontend rewrite that improved adoption, retention, and payment processing volume by double-digit percentages.

*Payments Platform Developer*

*2014 – 2015*

- Built Wave’s transaction processing and money movement platform.
- Integrated with third-parties for compliance, and onboarding of merchants.
- Built a risk analysis platform to reduce fraud losses, and score/assess sensitive financial actions.
- Built an Identity verification workflow to ensure legitimate merchants.
- Built the REST API to power the payments platform and administrative interfaces.

*Core Developer*

*2012 – 2014*

- Core product developer, working on Invoicing and Accounting products.

### Google, Inc.

**Kitchener, Ontario**

*Software Developer, Intern.*

*May 2011 – Sept. 2011*

- Backend developer on Google Play Games team responsible for two backend services.
- Responsible for productionizing and all infrastructure related tasks for our backend service. This included writing deploy scripts for the server, building binary packages, writing project files, deploying APIs to API server (writing JSON templates, API files) as well as getting documentation automation running.

- **Languages:** Python, JavaScript/TypeScript, CSS/Less/Sass, HTML, Bash
- **Tools & Frameworks:** Django, React, Node, Webpack
- **Databases/Other:** PostgreSQL, MySQL, Redis, RabbitMQ, NGINX, Docker

## Education

- **University of Guelph**

*Bachelor of Computer Science*

*2008 – 2012*