

Justin Stribling

Software Engineer

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SUMMARY WORK

Hack/PHP

Go

Kafka

Thrift

C++

SQL

Hg

Git

facebook

Software Engineering Intern – Messenger RT Platform Signaling – Hack

Seattle, WA ↗

Sep – Dec 2018 📅

- Refactored the RTC Signaling layer into a pipeline, enabling platformization and separation of product code
- Built a tool to analyze crash rates for use in mobile RTC experiment reviews

Uber

Software Engineering Intern – Marketplace Intelligent Dispatch – Go, Kafka, Thrift

San Francisco, CA ↗

Jan – Apr 2018 📅

- Designed and implemented a Go/Thrift API and set of Kafka pipelines to compute UberPool efficiency
- Supporting ~30ms production latency with ~400 QPS (and a one-time batch processing of 33 Million requests)

textnow

Full Stack Developer – Carrier Provisioning – Go, Kafka, PHP, MySQL, Rails

Waterloo, ON ↗

May – Aug 2017 📅

- Implemented an event sourcing architecture for provisioning requests and device history using Go and Kafka
- Refactored multiple Rails services to better separate their functionalities and simplify their communications

textnow

Full Stack Developer – Wireless Internal Tools – PHP, Rails, MySQL, React

Waterloo, ON ↗

Aug 2016 – Apr 2017 📅

- Worked on integrating and testing the addition of a new wireless carrier partner
- Lead design and implementation of integration with Sandvine to support real-time data tracking
- Created several tools across the stack to manage customer data for use by our customer support teams



Software Developer – Angular, jQuery, C#/.NET, HTML5, CSS3

Waterloo, ON ↗

Jan – Apr 2016 📅

- Simplified and extended the authentication process and created an API for automated testing
- Lead development of dynamic data visualizations and graphs using D3.js



QA Developer – Protractor, NUnit, Selenium

Waterloo, ON ↗

Apr – Sept 2015 📅

- Improved end-to-end automated test coverage using Selenium-based frameworks (NUnit and Protractor)
- Lead migration and development of the Protractor testing framework for Angular applications

PROJECTS

- **Galleon:** A web service to help streamline the Canadian immigration process – NodeJS, CockroachDB, Firebase, Azure Bot service

EDUCATION

University of Waterloo

Bachelor of Software Engineering

Waterloo, ON ↗

Sep 2014 – May 2019 📅