# Shravan Gajjela

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## Education

**University of Waterloo**
**Bachelor of Software Engineering Co-op (3rd Year)**                    *Sept. 2016 - Apr. 2021*

## Experience

**Shopify**
**Software Developer Intern**                    *Sept. 2018 - Dec. 2018*

- Working on Facebook Ads integration on the Marketing Technology team as a backend developer
- Routed webhooks to their own pods in **Kubernetes** and added pressure release valves for jobs
- Designed and implemented a throttling module using **Memcached** to limit merchant API usage

**Shopify**
**Software Developer Intern**                    *Jan. 2018 - Apr. 2018*

- Worked on the Identity team, responsible for unifying and securing the way users access all of Shopify
- Increased log in security by adding support for additional two factor authentication methods
- Wrote background jobs for **Sidekiq** to send IP based new device notifications as well as account audits
- Added stemming to Elasticsearch for Shopify Burst which increased image downloads by **14%** and reduced search refinement by **5%**

**TD Bank**
**Software Developer Intern**                    *May. 2017 - Aug. 2017*

- Created a dashboard in **Angular** to allow financial advisers to manage their customers at scale
- Built an **Android** application to help university students save money toward their collective goals
- Implemented a multi-platform real-time chat system between advisers and their clients using **Firebase**
- Designed and built a prototype of a streamlined bill payment experience app for **Android**

## Projects

**Bookful.ca**

- Application that helps University of Waterloo students find textbooks with powerful search tools
- Built a back-end server in **Ruby on Rails** to scrape, parse, and sanitize data using background jobs

**Crypto Trader**

- Trading platform for crypto-currencies that trades under technical indicators specified by user
- Used **Node.js**, Electron, Bootstrap, and SHA-512 standard for REST calls to Bittrex API

**Messenger Bot**

- Messenger bot that serves content from various sources automatically or upon user request
- Created a backend server in **Flask** that packages information and serves it to all subscribed users

## Skills

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| **Languages** | Ruby, Python, C, C++, Java, SQL, JavaScript, LaTeX |
| **Technologies** | Ruby on Rails, MySQL, Express, Node.js, Flask, Git, SVN, Bash |