

TECHNICAL PROJECTS

Feed Builder — Personal

- Created **RSS feed generating and publishing service** for websites using **NodeJS** and **Express**. The builder periodically extracts content and data from the desired website to form a RSS feed
- Integrated **request-promise** to handle HTTP calls and **cheerio** that parses html to extract content
- Event-driven rss feed generation that incorporates **mongoDB** to open **FaaS** capability

POS Delivery — Business

- Developed **point of sales solution** for restaurants using **Java** and **JavaFx**, consolidating third party delivery service orders that handles an average of **25% total sales**
- Implemented **ESC/P printer language** handling task printing
- Maintained data persistency using **Hibernate ORM**
- Currently working on migrating to a server-client based desktop **electronJS** application using **ReactJS** and **nodeJS** backend to accommodate multiple clients

Onion File Share — Academic (Software Engineering)

- Created **web distributed files system** based on **peer-to-peer file sharing** using **Go**
- Ensures anonymity by implementing **onion routing** protocol using a combination of **RSA** and **SHA256** encryption
- Provides consistent server recovery and availability by server duplication

Torrent External — Personal (In progress)

- Server application which can be accessed by web interfaces to control the server's torrent client featured by go-lang based Torrent API
- Developing with Spring Framework as backend and ReactJS as frontend

AWARDS

Apple World Wide Developer Conference Scholarship — June 2017

- Awarded WWDC 17' scholarship and selected to attend annual World Wide Developer Conference hosted by Apple Inc. Scholarships were awarded on technical accomplishment and creative ideas using Swift

EDUCATION

University of British Columbia — May 2018

- Double Major in Computer Science and Economics, Bachelor of Arts

WORK EXPERIENCE

Service Manager, Sushi Aria, Cambie — Nov 2015 - Dec 2018

- Management role in charge of opening and closing duties, first point of contact for in-dining services as well as training and managing waitstaff during daily shifts.

Sergeant, 55th Infantry Division in Republic of Korea — June 2011 - Apr 2013

- Quickly adapted to new and fast-paced environments as a member of Infantry Division.
- Performed as squadron leader to guide and support team members throughout training exercises.