

EMPLOYMENT

Full Stack Developer, Flynn Inc.

May – Sep 2017

DSS Viewer: A web application that allows employees to search, view and download documents, drawings, images stored in Azure Blob Storage. This application is expected to replace a legacy desktop file viewer, and will be used internally by 5000+ employees across Canada and US.

- ✓ Implemented Auth0 Single Sign-on, leveraging Redis for session storage.
- ✓ Implemented a full-stack single page application with React and Nodejs that search for +400,000 files stored in Azure distributed storage system.
- ✓ Leveraged Box API and Convert API to convert and display +110 different file types.

Systems Engineer, fundserv

Jan – Apr 2016

Ops Portal: Designed and implemented a reporting system that provides accurate and up-to-date server information for 40+ engineers at fundserv on a daily basis. As of January 2017, the system has served more than 85% of fundserv IT staffs.

- ✓ Composed ksh and bash shell scripts to extract/compile information from Solaris, Linux, CentOS servers and update reports daily using crontab and Control M.
- ✓ Assisted in migrating the process of collecting, aggregating and re-distributing data among 250 virtual machines in production to a backup Solaris server.
- ✓ Designed cross-browser friendly UI and navigation with HTML/CSS to encourage usage of Ops Portal.

TECHNICAL EXPERIENCE

- ✓ Backend: Nodejs, Python, Java, C#, MySQL
- ✓ Frontend: HTML & CSS, Bootstrap, React
- ✓ Tools: Visual Studio Code, Android Studio, Github

EDUCATION

Bachelor of Computer Science (Co-op, 2B), University of Waterloo

Sep 2015 – current

- ✓ Average 2A: 73.4%
- ✓ University of Waterloo President's Scholarship of Distinction (2015): 95%+ admission average

PROJECT

MealTracker (Oct 2016 – Apr 2017): Mobile application | Android SDK. Java. MySQL.

- ✓ Developed a mobile app that captures photos of meals and generates quizzes to users.
- ✓ The idea: raise awareness about user's consuming habit.

VideoNail (Feb 2017 – May 2017): Chrome Extension | Javascript.

- ✓ Developed a Chrome extension that allows videos to stay on top when users scroll down to the comment section.
- ✓ Served over 25+ users, rated 5 stars on Chrome Web Store.

GingerRewards (Jan 2016 – Apr 2016): Web application | Azure. JDBC. MySQL. Vagrant. Spring MVC.

- ✓ Developed and deployed an online loyalty program for Ginger Restaurant (located in Toronto), which consists of: [1] a web interface with authentication for the restaurant manager and staffs to input point transactions, and [2] customer and transactional databases.
- ✓ Improved code base through rigorous review process using Review Board and Git.