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| <https://github.com/pdtran3k6>  [www.linkedin.com/in/phatdtran3k6](http://www.linkedin.com/in/phatdtran3k6) | **PHAT D. TRAN** | (647) 607-4207  [pdtran@edu.uwaterloo.ca](mailto:pdtran@edu.uwaterloo.ca) |

**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.