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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) |

**Relevant Experience & Projects**

**Review Board’s Notification Bot** (Oct 2016 – current): Chat Bot | VirtualBox. Ansible. Vagrant. Docker.

* Modified Ansible playbook to automate dependencies setup on Windows.
* Set up development web server in Ubuntu through Vagrant.
* Developed a bot that relays Review Board’s notifications to Skype, leveraging Microsoft Bot Framework.
* Deployed bot to Azure as a Web App on Linux using bot’s Docker image.

**Mobile & Web Developer, Flynn Inc. May – Sep 2017**

*DSS Viewer: A web application that allows employees to search, view and download emails, documents, technical drawings, images stored in Azure Blob Storage. This application is expected to replace a legacy desktop file viewer, and will serve 5000+ employees in all Canadian and US offices.*

* Composed and deployed UI tests to CircleCI that gets executed in Firebase Test Lab on 50 different devices.
* Composed a shell script that builds DSS Viewer locally and deploys to Azure App Service.
* Set up DSS Viewer’s CI pipeline with Visual Studio Team Services and Github.

Extra: Composed a script that download and decrypt PDF paystubs, leveraging Gmail API and qpdf;

Built an internal tool that generates custom code coverage report for C# code, leveraging OpenCover;

Result: Saved ~5 hours per week and ~$18,000 CAD in software license, respectively.

**Meally Quizzy** (Oct 2016 – Apr 2017): Mobile App | Android SDK. Java. SQLite.

* Developed a mobile app that captures photos of meals and generates quizzes to users.
* Set up CI pipeline with Travis CI and Github.

**Unix Shell Programmer, FundSERV Inc. Jan – Apr 2016**

*Ops Portal: Designed and implemented a reporting system that provides accurate and up-to-date server information for 40+ engineers on a daily basis. As of May 2017, the system has served more than 95% of FundSERV’s IT staffs.*

* Designed a system to extract information from UNIX-based (Ubuntu, Solaris, CentOS) servers.
* Assisted in replicating data collection system, which aggregates and re-distributes data among 300 virtual and physical machines, and deployed to a backup Solaris server.
* Composed bash scripts to automate report generation and schedule job with crontab.
* Prototyped Ops Portal’s cross-browser UI and navigation with React and Bootstrap.

**Other Experience & Projects**

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

* Developed an extension that allows videos to stay on top when users scroll to the comment section.
* Served 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.
* Prototyped UI with authentication for the restaurant manager and staffs to input point transactions.
* Designed users and transactional databases’ schema.
* Improved codebase through rigorous review process using Review Board and Git.

**Education & Technical Skills**

**Bachelor of Computer Science (Co-op, 2B), University of Waterloo Sep 2015 – current**

**Technical Skills:**

* Languages: Languages: Java, Node.js, Python, C/C++
* Tools: VirtualBox, Vagrant, Ansible, Docker.
* Services: Visual Studio Team Services, CircleCI, Github.