

# Taylor Dickson

DEV-OPS · IT & SYSTEMS PROFESSIONAL

Toronto, Canada

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## Summary

As a data engineering and project management professional with expertise in technical support and system administration, I am dedicated to delivering results and driving innovation. I am skilled in Python, Pandas, SQL, and Agile methodology, and have a passion for finding creative solutions to complex problems. Outside of work, you can find me biking through the city, experimenting in the kitchen with new baking recipes, or exploring the latest video games. I am excited to bring my skills and interests to a dynamic and innovative team.

## Skills

**Front-end** Javascript, Vue, SASS, HTML, CSS

**Back-end** Python, Django, Flask, Go Lang, Node, Express, REST API

**DevOps** Docker, Docker-Compose, Shell Scripting (BASH), Networking (HTTP, TCP/IP, DNS), Mac and Linux Administration

**Soft** Communication, Team Management, Project Management, Software and Data Architecture, Writing

## Experience

### Senior Research Analyst/Team Lead

Toronto, Canada

ONTARIO PUBLIC SERVICE - TREASURY BOARD SECRETARIAT

2019 - Present

- Led the division's data overhaul project, modernizing and enhancing digital data infrastructure, including partial migration to Azure cloud and Google Apps Scripts for automated processes.
- Managed a team of 5, implementing CI/CD pipelines using GitHub Actions in personal projects, automating build and deployment processes, demonstrating capability to adopt similar practices in professional settings.
- Procured and integrated key tools such as GitHub for version control, improving collaboration and code management across the team.
- Automated infrastructure provisioning and application deployments using Docker and Docker-Compose, managing containers and storage to ensure consistent and efficient operations.
- Conducted regular code reviews, managed Git repositories, and implemented branching strategies and merge request processes to ensure code quality and collaboration within the team.
- Developed scripts in Python and BASH to automate routine tasks, improve operational efficiency, and manage server resources, demonstrating strong scripting and automation skills.
- Provided mentorship and guidance to team members on best practices in DevOps, cloud infrastructure management, and automation techniques, fostering a culture of continuous improvement and learning.

### Workforce Analyst

Toronto, Canada

ONTARIO PUBLIC SERVICE - MINISTRY OF GOVERNMENT & CONSUMER SERVICES

2017 - 2019

- Leveraged data management and automation skills using SQL, Python, and VBA to support business operations, significantly improving data processing and reporting capabilities.
- Automated the generation and distribution of over 7000 customized documents, reducing manual labor and enabling faster access to critical information for decision-makers.
- Implemented data quality checks and recommended improvements to data management processes, ensuring data integrity across multiple systems and reducing errors.
- Collaborated with cross-functional teams to analyze workforce trends and develop data-driven insights for strategic planning and resource allocation.

### Junior System Administrator

Toronto, Canada

SOHO VFX

2016 - 2017

- Completed a render farm upgrade by setting up, installing, and configuring new servers, resulting in improved performance and reduced rendering times.
- Automated repetitive tasks and optimized systems using BASH scripting, contributing to ongoing operational efficiencies and time savings.
- Provided technical support and performed routine maintenance and troubleshooting of hardware and software, ensuring minimal downtime and smooth operation of systems.
- Participated in incident management and on-call rotations, handling system reliability and ensuring quick resolution of issues.