Viet Anh Phung

Toronto | (647) 336-6766

anh.phung@torontomu.ca | github.com/vietanhphung | linkedin.com/in/connorphung

Professional Summary

A motivated recent graduate seeking a Data Engineer position, who is eager to learn and skilled in developing and maintaining reliable and automated ETL pipelines with assurance for data integrity, accuracy and consistency for analyzing and identifying trends. Possess great technical and non-technical communication skills, solid understanding of data structures, algorithms, and design patterns

Personal Projects

Project Caerus - End-to-End Full-Stack Interactive LMIA Distribution Map

- Collect data from canada.ca Rest API, handled, transformed, formatted and uploaded to MySQL remote server, followed Agile methodologies, closely monitored by a mentor
- Used collected data, transform and update geographical coordinate data with google maps API to create an interactive map of Canada featured the distribution trends of LMIA results
- Implemented filter features to improve data analyzation and simplified Bash Commands using Make
- Set up reverse Proxy as a security feature to hide IP address of backend server
- Live demonstration link: https://vcforests.com/map
- Skills and Technologies: **Python, MySQL, SSH, Docker, Plotly, Pandas, Ubuntu, Linux Server, Nginx, Flask**

Project Icarus - Automated Analytic Pipeline System for Air Crash Investigation on Cloud Service

- Fetched and transformed web-scraped data to store in database, visualize past air crash incidents
- Fully automated Data Pipeline, infrastructures build with Terraform (IaC), orchestrated with Airflow, containerized with Docker, and secured using AWS policies, ready to connected to PowerBi
- Simplified Bash Commands using Make
- Skills and Technologies: **Python, SQL, AWS S3, AWS Redshift database, Terraform, AirFlow, Docker, BeautifulSoup, Pandas, Make**

Project Sunraise - Front-end ReactJS Restaurant Website

- Developed using **JavaScript, React Hooks** and other libraries for animations and effects
- Fully responsive with animation

Education and Certifications

Bachelor of Computer Science (Honors) - Toronto Metropolitan University   June 2018 - June 2022

- Graduated with Distinction
- Dean's list 2018, 2019, 2020 - Renewable entrance scholarships 2018, 2019, 2020

AWS Cloud Practitioner Certificate   June 2023

Professional Experience

Assistant Manager / Junior Sous Chef - *Pho Rang Dong*   Oct 2023 - Aug 2024
Chef de Partie - *Biff's Bistro*   Jan 2021 - Oct 2023
Shift Manager - *McDonald's*   Jan 2019 - Jan 2021

Skills demonstrated: effective communication with stakeholders, problem-solving, teamwork, ability to learn quickly and independently, accountability