Long Vuong

Full-stack Developer

longvuong.ca | long.t.vuong@gmail.com | 437-989-7599 | Toronto, ON, Canada

Summary

Full-stack developer with a background in digital analytics. I have a passion for problem-solving and tackling impactful challenges.

Technical Skills

Frontend: React, JavaScript, Typescript, Bootstrap, HTML/CSS

Backend: Flask, Python

Databases: PostgreSQL, Transact-SQL

Additional Tools: Git, Google Analytics 4 (GA4), Google Tag Manager (GTM), Tableau

Experience

Implementation Specialist at ClickInsight | Toronto, April 2022 – May 2024

- Assessed technical feasibility of measurement plans, proposing alternative solutions as needed
- Authored technical documentation highlighting analytics dependencies and guided client's development teams in meeting requirements to support implementation
- Implemented analytics tracking code, ranging from pre-made to highly customized analytics solutions using JavaScript, validating implementation via peer review and pre/post-launch testing
- Spearheaded technical side of Google Analytics 4 migration for a multinational life sciences company, international healthcare professional association, and provincial crown corporation
- Provided on-demand troubleshooting and updates to existing analytics tracking code for new or ongoing campaigns
- Integrated Google Tag Manager (GTM) into clients' marketing stacks to streamline analytics management, accelerating analytics code update
- Audited client analytics setup and estimated project timelines for implementation phases
- Managed company's digital presence via WordPress (WP) site maintenance, content/layout modifications, and blog management
- Mentored and provided further GA4/GTM technical training to junior team members

Projects

Ontario Hydro Plan Comparison | Flask, Python, SQLite, Pandas, JavaScript, PythonAnywhere.com, Plotly

Link to project

- A full-stack Flask application hosted on PythonAnywhere.com that visualizes the daily cost of all three energy plans based on a user's Green Button usage data. XML data is sent to a Flask REST API backend where it is loaded and transformed in Python using Pandas and finally inputted into the Plotly graphing library to visualize and gain insights on the data.

YouTube Stats Collector | Flask, Python, JavaScript, PythonAnywhere.com, YouTube API

Link to project

- A Flask application hosted on PythonAnywhere.com that collects a YouTube channel/playlist statistic for exploratory analysis. URL links to YouTube channels/playlists are sent to a Flask REST API backend, where Python further parses the required parameters to make requests to the YouTube API for channel/playlist data. This data is then structured into a CSV file for download and can be used for visualization exercises, ML training data or other data science exercises.

Education

Juno College of Technology | Web Development Immersive Program, 2021 - 2022

University of Toronto | Honours Bachelor of Science, 2015 - 2020