Tu Nguyen

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Skills

Python, Django, Qt Creator, C, C++, Java, HTML5, CSS3, Javascript, PHP7, Bootstrap, React, REST, MySQL, MariaDB, PostgresSQL, Oracle 9i, Windows XP/10, OS X, Unix, Linux (Arch, Ubuntu, Debian, CentOS), Bash Shell, VIM, TCP/IP, Apache, Docker, Git, Jupyter Notebook and more

Professional Experience

CAO System Specialist | Data Analyst   **07/2018 - Present**
ADUSA Procurement - Quincy, MA   **2 yrs**

- Manage and maintain centralized SQL Server and Oracle Database for ordering, inventory and, forecasting systems for over 750 stores across three major brands
- Increased efficiency by 20% by creating GUI tools in Python to connect and commit queries to multiple stores' database via pyodbc and cx_Oracle
- Implemented mass inventory update process resulting in the elimination of human entry per load, saving 8,400 to 15,000 hours per week
- Provide ad-hoc reporting and analysis with the purpose of driving accuracy improvements with category and replenishment managers
- Collaborate with the IT team to design, develop, test, implement, and improve data and quality control

Shift Lead | Photo Specialist   **08/2011 - 07/2019**
Walgreens - Boston, MA   **8 yrs**

- Managed a small team of three to merchandise products, manage store inventory, and order stock
- Trained and supervised new associates and managers on store procedures and policies

Independent Projects

Homelab | Smarthome   **06/2017 - Present**

- Setup personal homelab to commit to learning new technologies and self improvement on downtime
- Deployed and configured Docker containers for home assistant, plex, and pihole DNS server

Analytical Exploration of Boston Crime Statistics (2012-2015):   **04/2018**

- An exploratory data analysis (EDA) and visualization for crimes in Boston from 2012-2015
- Written in Python using Jupyter Notebook, with numpy, pandas and matplotlib

Multi Weather (Android application):   **12/2017**

- App collects location data, and parses JSON data from four weather APIs and aggregates those data

Education

Bachelor of Science in Computer Science   **Graduated 05/2018**
University of Massachusetts Boston

Coursework emphasis in Programming, Software Design and Systems Administration