Tu Nguyen

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Skills

- **Programming languages:** Python, C/C++, Java
- **Web Development:** HTML5, CSS3, Javascript, Bootstrap, Django, React, PHP7
- **Databases:** MySQL, PostgresSQL, Oracle 9i
- **Other:** AWS, Apache, Heroku, Git, REST APIs, Jupyter Notebook, TCP/IP, VIM
- **Applications:** Bash Shell, Docker, Microsoft Office Suite, Android Studio, PyCharm, PhpStorm, Qt Creator, VS Code
- **Operating Systems:** Windows XP/10, OS X, Unix, Linux (Ubuntu, Debian, Mint, Arch)

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
- 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