**CHRISTOPHER TRAN**

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*Dedicated, detail-oriented Data Analyst who in various programming language and database software with a demonstrated history of hard work and leadership.*

**Project Coordinator (2018 Team of the Quarter)** *at OST Global Inc supporting PEO-STRI-G4/G5*

**Platoon Leader** *at H Co FSC, 53rd BSB*

Currently processes an active **SECRET** Clearance

**TECHNICAL SKILLS/HIGHLIGHTS**

* **MS Office Suite, MS Project, Access Database, Share Point, Pivot tables**
* **Programming languages**
  + VBA Scripting, Python, HTML, CSS, Javascript, SQL
* **Databases/Software**
  + Microsoft Excel, Excel Macros
  + JSON, CSV, API Data sources, Flask
  + mySQL, SQLite, SQL Alchemy, Web Scraping, MongoDB
  + Tableau, Plotly, D3 .js, Leaflet, Geo-Mapping GeoJSON
  + Gitbash, Github, Visual Studio Code (VSCode)
* **Machine Learning, Big Data**
  + Spark, Hadoop, Keras, sklearn
  + Deep Learning, Quantifying Regression and Linear Regression
* **ETL (Extract, Transform and Load) Process**
* **Fluent in English & Vietnamese**
* **Experienced in creating and writing operation orders, technical requirements, business requirements, storyboards and dashboards**
* **Experienced in troubleshooting, supporting projects, working toward the project manager’s endstate**

**PROFESSIONAL EXPERIENCE**

* **Data Analytics Experience**
  + Combination projects:
    - “*Unlocking the Starbucks Location Strategy*” (*Jupyter Notebook, Pandas, Python and Matplotlib*)
      * Analyzed, cleaned and visualized Starbucks and US Census APIs to determine the best new location for a Starbucks in the Greater Orlando Area
        + <https://github.com/ctran301/Unlocking-the-Starbucks-Location-Strategy/>
    - “*College Bowl Center*” (*ETL, Python, SQL, SQLAlchemy, Jupyter Notebook, HTML, CSS*)
      * Helped to develop a webpage that joined two separate data tables and enabled users to search for College Bowl Games and all the players that attended using Flask and SQL
        + <https://bowl-center.herokuapp.com/>
    - *“Familiar Faces” (Machine learning, SQL, Flask, Python, HTML, Javascript, CSS)*
      * Uses *facifier* to leverage machine learning to classify the emotions of image subjects. The purpose is to test the efficiency of *facifier* at different sample sizes to later use in the identification of emotional health of an individual based on a dataset of images.
        + <https://github.com/BayrexR/FamiliarFaces_Heroku/>
  + Python Projects:
    - “*Heroes Of Pymoli” (Python, Pandas, Jupyter Lab, Jupyter Notebook, .csv files)*
      * Wrote Python script that uses Pandas within Jupyter Notebook to analyze and calculate new metrics based on video game player data
        + <https://github.com/ctran301/04-Heroes_of_Pymoli/>
    - *“Pyber” (Python, Matplotlib, Jupyter Lab, JupyterNotebook, .csv files)*
      * Assembled Bubble Plots and Pie Charts using data pulled from Uber and Lyft
        + <https://github.com/ctran301/05-Pyber_Matplotlib/>
    - “*WeatherPy”* (*Python, Matplotlib, Jupyter Lab, JupyterNotebook, .csv files, HTML, CSS)*
      * Created a Python script and JSON data from an API to visualize the weather from 500+ cities across the world, saved data to a CSV file displayed data on a webpage
        + <https://github.com/ctran301/11-DataWebDev/>
  + SQL Knowledge:
    - Create, populate a MySQL database, select data from a MySQL table
    - Import large CSV datasets into MySQL Workbench using the import wizard
    - Use MySQL to select specific rows/columns of data out from a table
    - Understand the different kinds of joins and how to use them to create new tables in MySQL
    - Solidify the foundations of writing basic- to intermediate-level MySQL statements
    - Develop an introductory understanding of table design and database management
  + Web Development Projects
    - Developing automatic table and Date Search Create a basic HTML web page or use the index.html file provided using DOM, HTML, JS, CSS, D3.js
    - Using a dataset based on UFO data in the form of an array of JavaScript objects, the code is written to append a table to the web page and then add new rows of data for each UFO sighting
* **Other Professional/Leadership Experience**
  + Project Coordinator – OST Global Inc., OCT 2018- JUL 2019
    - Maintain records and generate recurring and special reports, schedule meetings/briefings as required to keep the projects on track and on schedule
    - Proficient with MS Office Suite to include daily use of Word, Power Point, Share Point and Excel
    - Outstanding Team Award for organizing and assembling layout for Army PEO-STRI booth at a multi-hundred-million-dollar tradeshow with Events Management Team (I/ITSEC 2018, November 2018)
  + Platoon Leader – H Co FSC, 53rd BSB, 2017-present
    - Hurricane Irma and Hurricane Michael: Provided relief for Panama City and surrounding areas. Duties included organizing personnel transport, distribution of relief assets, and coordinating with other first responders and agencies. Managed and supervised FEMA Points of Distribution that enabled the distribution of over 250,000 bottles of water, 55,000 pounds of ice and over 90,000 meals during Hurricane Michael

**EDUCATION**

* + **University of Central Florida Data Analytics and Visualization Bootcamp**, Sanford, FL**,** 2019
  + **University of Central Florida Bachelor of Science Criminal Justice,** Orlando, FL, 2016
    - Security Management Certificate