LINH HUONG VO

Boston, MA | 617-513-9369 | lhvo2112@gmail.com

linkedin.com/in/linhhvo | github.com/linhhvo | linhhvo.com

PROFESSIONAL EXPERIENCE

Senior Data Scientist, Analytical Services   Jul 2021 – Present

Sunovion Pharmaceuticals Inc., Marlborough, MA

- Successfully executed the data migration process for a new LIMS implementation, utilizing SQL and Tableau to extract, transform, and load data to improve data quality while reducing manual effort.
- Automate data preparation using Python and develop real-time Tableau dashboards to visualize operational metrics and product quality trends, providing valuable insights and recommendations for more effective partnerships with contract laboratories.
- Collaborate with business owners and the Finance team to gather and structure data from various sources, resulting in improved visibility into budget discrepancies and increased forecasting accuracy.

Tax Associate   Jul 2018 – Jun 2019

TimePayment Corporation, Burlington, MA

- Automated tasks in the sales tax filing process by incorporating Excel VBA functions, resulting in improved accuracy rate and reduced preparation time for each return.
- Contributed to the timely completion of over 300 federal and local tax returns every quarter by collaborating effectively with team members.
- Recognized for outstanding performance and appointed by the tax director just four months after starting, to train three new employees on the property tax reconciliation process.

ACADEMIC PROJECTS

Emotion Classifier (Report)   Spring 2021

- Trained and fine-tuned different pretrained Convolutional Neural Networks models using TensorFlow and compare their performance in recognizing and classifying facial expressions into different emotion categories.

Home Mortgage Data Analysis (Github)   Spring 2020

- Conducted data extraction, anomaly detection, and cleaning of first-time home buyer data from the 2018 HMDA dataset, which contained over one million records and 101 attributes, using Python.
- Analyzed the characteristics of first-time home buyers and the impact of other attributes on first-time loan approval rates through statistical techniques such as confidence intervals and logistic regression.

Uber and Lyft Rides in Boston Analysis (Report)   Fall 2019

- Led a team of 5 to conduct exploratory data analysis on a dataset of Uber and Lyft rides in the Boston area, consisting of over 600,000 records and 18 attributes, aiming to discover factors contributing to the revenue difference between the two.
- Developed Tableau dashboards visualizing patterns and discrepancies in Uber and Lyft product offerings, which helped to identify actionable recommendations for improving Uber's business model and revenue.

TECHNICAL SKILLS

- *Programming languages:* Python, R, JavaScript, HTML, CSS, Java.
- *Data Visualization:* Tableau, SAP Lumira.
- *Data Analytics:* SQL, MongoDB, JMP, NumPy, Pandas, Matplotlib, Skicit-learn, TensorFlow.

EDUCATION

Master of Science in Information Technology   GPA: **3.80**   May 2021

Bentley University, Waltham, MA

Bachelor of Science in Accounting   GPA: **3.73**   May 2018

Messiah University, Mechanicsburg, PA