

# LINH HUONG VO

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## PROFESSIONAL EXPERIENCE

### Data Scientist, Analytical Services

Jul 2021 – Present

Sunovion Pharmaceuticals Inc., Marlborough, MA

- Automate data preparation process and build Tableau dashboards for operational metrics and product quality trends to provide management real-time analysis of sample forecasting and reporting performance.
- Collaborate with cross-functional teams in IT and Manufacturing to support implementation of a new LIMS system and identify migration strategies to ensure data quality and integrity are maintained.
- Assist in implementing workflows and statistical models including control charts to support CPV program.

### Tax Associate

Jul 2018 – Jun 2019

TimePayment Corporation, Burlington, MA

- Learned and incorporated Excel VBA functions into sales tax filing process to automate tasks; increased monthly rate of accuracy in tax returns by 18% and reduced 1.5 hours of preparation time for each return.
- Collaborated with team members to complete over 300 tax returns by federal and local deadlines every quarter.
- Appointed by tax director 4 months after starting to train 3 new employees on property tax reconciliation process.

## ACADEMIC PROJECTS

### Emotion Classifier ([Report](#))

Spring 2021

- Led a team of 3 in building a Convolutional Neural Network model in Python with TensorFlow's Keras API that recognizes facial expressions from images and classifies emotions into seven categories.

### Home Mortgage Data Analysis ([Github](#))

Spring 2020

- Extracted data of first-time home buyers in New York and New England from 2018 public HMDA dataset containing over 1 million records and 101 attributes, handled anomalies and cleaned data using Python.
- Conducted statistical analysis including confidence intervals and logistic regression in Python to understand characteristics of first-time home buyers and how other attributes impact first-time loan application approval rate.

### Uber and Lyft Rides in Boston Analysis ([Report](#))

Fall 2019

- Led a team of 5 in performing exploratory data analysis on a dataset with over 600,000 records and 18 attributes to discover what factors contributed to the difference in revenue between Uber and Lyft in the Boston area.
- Built Tableau dashboards visualizing insights on patterns and discrepancies in Uber and Lyft product offerings to help develop actionable recommendations for Uber to improve its business model and increase revenue.

### Technical School Database Modeling ([Github](#))

Fall 2019

- Designed a database schema based on business needs then transformed and loaded data into Oracle database.
- Explored dataset and created views using SQL queries to retrieve data needed for providing answers to business inquiries, and report results using Tableau visualizations to assist business in making data-driven decisions.

## TECHNICAL SKILLS

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

## EDUCATION

**Master of Science in Digital Innovation**, *summa cum laude*

GPA: **3.80**

May 2021

Bentley University, Waltham, MA

**Bachelor of Science in Accounting**, *magna cum laude*

GPA: **3.73**

May 2018

Messiah University, Mechanicsburg, PA