

Dao Chi Lam

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EDUCATION

Michigan State University – *Bachelor of Arts, Statistics* September 2017 – May 2021
Minor in Computational Mathematics, Science and Engineering GPA: 3.65

Google – Data Analytics Professional Certificate June 2021

PROFESSIONAL EXPERIENCE

Michigan State University East Lansing, MI
Data Science Research Assistant January 2021 – Present

- Collaborate with a Physics department's professor to identify factors that lead to graduate schools' admission rates.
- Perform data wrangling and exploratory data analysis using pandas and Matplotlib to better illustrate different stories and relationships of variables in the dataset.
- Improve university's assistant to Physics students from the ability to predict admission rates using data classification models (logistic regression, Ridge classifier, Log-F Logistic Regression) with 72.39% accuracy score.

Michigan State University East Lansing, MI
Statistics Undergraduate Learning Assistant January 2021 – May 2021

- Strengthen 750 students' statistical and computational knowledge by customizing interpretation of lecture information that suits the student learning style.
- Execute interactive online learning strategies using multimedia resources to increase students' engagement.
- Interpret course's R programming and statistical analysis to both technical and non-technical students.

Sacombank Da Nang, Vietnam
Analyst Intern May 2019 – July 2019

- Analyzed weekly sales from 30 department members to produce reports and presentations to the department's head.
- Formulated Excel spreadsheet algorithms to manage customer database and sales strategies that boosted department sales by 8%.
- Trained 30 department members advanced Excel functions and skills to improve their efficiency and productivity.

PROJECTS

Shopee Code League Competition – *Team leader* March 2021

- Constructed a Named Entity Recognition model in Python to enhance the order processing time through precisely extracting key address elements from unstructured text data.
- Built Python algorithms to improve customer service by minimizing the time of merging relevant information.

Improve Product Review System – [Web Application](#), [GitHub](#) July 2020

- Transformed the traditional product review system on Amazon by predicting customer's rating from product review using text sentimental analysis and Natural Language Processing in Python; achieved 63.96% accuracy score.
- Maximized customers' experience by reducing friction when reviewing products on a website.

LEADERSHIP EXPERIENCE

MSU Vietnamese Culture Union – *Co-president Internal* January 2020 – April 2021

- Directed operations with the executive team and implemented 5 highly effective organization development plans.

Spartan Statistical Association – *Member* December 2020 – April 2021

- Collaborated with 5 club's members and 3 professors to create guidance and resources for new statistics students.

SKILLS

- Programming Languages: Python (pandas, NumPy, scikit-learn, OOP), R (tidyverse, ggplot2), SQL, HTML, CSS
- Data Analysis: SAS, Tableau, Power BI, Microsoft Office (Word, Excel, Access, PowerPoint)
- Data Science: Data Collection (beautiful soup, selenium), Data Visualization (Matplotlib), Regression Model (linear, logistic, polynomial, random forest), Classification Model (k-NN, SVM, Naïve Bayes), Natural language processing, Cluster Analysis (k-means), Deep Learning, Statistics (hypothesis testing), GitHub, Apache Spark
- Language: English, Vietnamese, Chinese Mandarin