

Olivia Lee

Boston, MA (Open to Relocation & Remote Work)

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EDUCATION

Boston University | Boston, MA Expected May 2023

M.S. in Applied Data Analytics, GPA: 3.93/4.00

University of Michigan | Ann Arbor, MI May 2022

B.S. in Mathematics of Finance and Risk Management, GPA: 3.24/4.00

SKILLS

Programming: Python (Pandas, Numpy, Matplotlib, Scikitlearn), R, SQL, C++, MATLAB

Certifications: Google Data Analytics Professional Certification, Courses 6 of 8 Completed

Relevant Coursework: Machine Learning, Data Science with Python, Statistical Computing and Data Visualization with R and SQL, Data Mining, Applied Regression, Data Structures, Analysis of Algorithms

EXPERIENCE

CIMB Niaga Bank | Jakarta, Indonesia Jun 2022 – Jul 2022

Advanced Analytics Intern

- Performed quantitative analysis on the effectiveness of campaigns by pulling data using SQL, and communicated these insights to the business unit (non-technical audience), contributing to data-driven decisions implemented
- Monitored monthly website analytics data using Google Analytics and spearheaded reports with easily digestible data visualizations, suggesting capitalization of marketing campaigns on website traffic trends
- Accelerated monthly data cleaning process by creating code in R that automated their tasks, eliminating user error and condensing two days' worth of monthly work to two minutes

CONCAT Inc. | Seoul, South Korea May 2021 – Aug 2021

Corporate Strategy Intern

- Conducted market analysis on competitors for an investor pitch and presented findings to CEO, leading to the company's successful advancement to the seed funding stage
- Contributed unique ideas from a Gen Z perspective for development of a new social media application, improving UI and UX for target market demographics

Taylor's University | Subang Jaya, Malaysia May 2018 – Jul 2018

Calculus I Tutor

- Curated weekly lesson plans and exercises for a class of 20 students to supplement their usual Calculus I class, improving their letter grades and their understanding of the course

PROJECTS

Taxi Prices, Statistical Data Analysis (R) Nov 2022 – Dec 2022

- Incorporated statistical hypothesis testing methods (two sample t-test, ANCOVA) to determine price differences between Uber and Lyft, leading to significant conclusions
- Interpreted findings with statistical metrics coupled with supporting data visualizations, translating my conclusions to easily digestible content for non-technical audiences

Mental Health Importance Classification, Data Mining (Python) Oct 2022 – Nov 2022

- Implemented five machine learning algorithms and five attribute selection methods for a total of 25 models to predict employee's takes on mental health importance
- Employed the various performance metrics to determine the best classification algorithm and attribute selection method for our data, evaluating the best model with the ROC AUC at 0.92.

Piazza Post Classification, Natural Language Processing (C++) Apr 2022 – May 2022

- Composed a program that read and classified Piazza posts, allowing for classification of past and future posts

Image Resize, Computer Vision (C++) Jan 2022 – Feb 2022

- Authored a computer vision algorithm in C++ that detects and removes unimportant pixels in images, and resizes them without distinguishably distorting the images

Chicago Traffic & Accidents, Exploratory Data Analysis (R) Nov 2021 – Dec 2021

- Performed data cleaning, transformation and analysis with the use of regression models in R to study the correlation of different variables with traffic accidents, determining leading causes

ADDITIONAL

- Languages: English (Native), Malay (Fluent), Indonesian & Korean (Intermediate), Mandarin (Beginner)
- Self-taught sewist, altering and sewing clothing and accessories from scratch