THU LE
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EDUCATION

Miami University, Oxford, Ohio, United States, expected to graduate in May 2026
- B.S. in Data Science & Statistics

TOOLS & SKILLS

Programming & Database: SQL, SAS, R, Java, MySQL, Python, Matlab
Tool: Tableau, MS Office, Google Workspace, Power BI
Coursework: Machine Learning, Data Visualization, Database Systems, Data Structure & Algorithms, SAS Statistical Programming, Regression Analysis, Linear Algebra, Business Computing, Probability

WORKING EXPERIENCE

Miami University *– Student Assistant*   *May 2024 – Aug 2024*
- Conducted extensive literature reviews and synthesized key findings into concise summaries for ongoing research projects about Binary Tree
- Proofread and edited final manuscripts, ensuring clarity, accuracy, and adherence to academic standards
- Assisted in preparing research papers by reviewing more than 25 relevant academic articles and contributing to the writing process

Miami University *- CSE 148 Teaching Assistant*   *Jan 2023 – Dec 2023*
- Provided guidance to more than 60 students every semester on effectively utilizing MS Office applications, including Word, Access, and advanced tools and functions in Excel like pivot tables, HLOOKUP, VLOOKUP
- Conducted office hours to support students with coursework, assignment clarification, and exam preparation
- Assisted students in analyzing and solving business case studies using MS Office tools
- Evaluated and graded student assignments to assess understanding and performance.

Center for Career Exploration and Success *- Student Assistant*   *Jul 2023 – Sep 2023*
- Entering students' information from orientation in MS Excel sheet in an appropriate format
- Transcribing photos of documentation into text files using Google Workspace
- Assisting students with setting up and checking in for appointments with advisors

PROJECTS & OTHER ACTIVITIES

Analysis of Human Activities Tracking By 4 Type of Sensors | **Python Pandas, Scikit-learn, Numpy, Matplotlib**
- Analyzed time-series sensor data from 12 users, each with 44 data files, totaling 12000 rows per file, using Python
- Applied windowing, feature extraction, and machine learning models (e.g., Logistic Regression, SVM) to the data for activity classification
- Performed cross-validation, hyperparameter tuning, and evaluated model performance using accuracy, F1 score, and other metrics

The Sephora Database | **Java, SQL**
- Extracted and manipulated data from the Sephora Website database with more than 9000 rows and 21 columns using SQL
- Utilized Java Swing library to develop a Java-based user interface to display the data from the SQL database
- Integrated the Java interface with SQL using JDBC to enable the display of the retrieved data and provided functionality for users to select and save information into a new database

Miami University Students' Grade Database | **MS Access, MS Excel**
- Use INNER JOIN to join 4 tables containing student exam grades filtering necessary data for analysis using SQL queries in MS Access
- Imported a dataset of over 5,000 rows and 12 columns from MS Access into Excel for further processing
- Manipulated and summarized the data using Excel Pivot Tables, enriching data by adding additional columns where necessary for analysis
- Created visualizations and charts to represent the summarized data in Excel then authored a comprehensive report detailing findings and giving recommendations based on the findings

L'Oreal Brandstorm 2022 Competition
- Conducted survey relating customers' cosmetics shopping motivation with 200+ responses
- Imported collected data to MS Excel for analyzing and visualizing data
- Giving out solutions to the brand based on the analyzed data and current trends