

Thao Nguyen

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EDUCATION

Miami University, Oxford, OH

Combined Master of Science in Statistics | GPA: 3.88/4.00

Expected Graduation: May 2025

Majors: Data Science & Statistics, Business Analytics Co-Major | GPA: 3.88/4.00

Expected Graduation: Dec 2024

Minor: Actuarial Science, General Business

Relevant coursework: Database Systems, Data Mining, BI & Data Visualization, Managing Big Data, Inferential Statistics, Bayesian Statistics, Regression Analysis

WORK EXPERIENCE

Miami University – Statistical Consulting Center

Oxford, OH

Student Analyst

May 2023 – Present

- Offer statistical consulting to over 20 faculty and graduate students conducting research at Miami University
- Accomplish improved understanding of clients' backgrounds and anticipation of requirements for upcoming data analysis assignments by actively participating in client meetings
- Perform efficient data cleaning and employ various statistical techniques (decision tree, random forest, chi-square test, etc.) using R in alignment with clients' specifications, leading to the discernment of pivotal trends and insights crucial for the success of client projects

Evolv Technology

Waltham, MA

Business Intelligence Data Analyst Intern

Jun 2024 – Aug 2024

- Designed and implemented forecasting models (ARIMA and Exponential Smoothing) to project monthly bookings for the next two quarters across key verticals, enhancing budget allocation and strategic resource planning
- Identified key insights on company perception by analyzing sentiment in over 80 articles, using Python to extract and categorize claims related to the company's marketing, business practices, and technology
- Enabled data-driven decision-making by swiftly completing ad-hoc data analysis requests across multiple BI aspects using Excel, ensuring timely and accurate insights
- Resolved data discrepancies in Salesforce by identifying over 10 instances of incorrect opportunity information and opening tickets to address non-conforming data issues

Miami University – Center for Analytics & Data Science

Oxford, OH

Project Intern

Sep 2023 – Dec 2023

- Collaborated with cross-functional teams and industry experts to address client-provided challenges
- Conducted rigorous data cleansing, analysis, and visualization using R to distill key insights, presenting findings in a compelling format to clients
- Evaluated data quality and devised strategic recommendations aligned with client goals, leveraging insights derived from the analysis process

ACADEMIC PROJECTS

First-Year Integrated Core – Key Bank Client Challenge

Aug 2021 – Dec 2021

- Secured the 2nd highest contribution ranking in a collaborative effort with team members by employing data exploration and visualization techniques to effectively resolve challenges posed by Key Bank
- Elevated customer Net Promoter Score through actionable insights from analysis of customer service data using SQL
- Crafted a comprehensive slide deck for presentation to an audience consisting of approximately 10 esteemed professors, ensuring clear and impactful communication of key information

AWARDS AND ACHIEVEMENTS

ASA DataFest 2023 – First Place

Apr 2023

- Worked with teammates to deliver strategic guidance on client's customer reachability and human resources management, enhancing client engagement and operational efficiency
- Leveraged advanced data manipulation and visualization techniques in R and Power BI to distill complex information into clear, concise narratives, resulting in streamlined decision-making processes for clients

TECHNICAL SKILLS

R | SQL | Python | Google BigQuery | Power BI | Tableau | Microsoft Office Suite (Word, Excel, PowerPoint) | SAS

HONORS AND SCHOLARSHIPS

Redhawk Excellence Scholarship Recipient

International Student Scholarship Recipient

Dean's List | Spring 2021, Fall 2021, Fall 2022, Spring 2023, Fall 2023, Spring 2024

President's List | Spring 2022