
SUMMARY

Senior Mathematics major with a dual major in Statistics looking for long-term employment in analytics. My mathematics studies have equipped me with a strong sense of critical thinking and problem-solving abilities. Particular interest in data analysis, visualization, and mining.

Education

Michigan Technological University

BS Applied and Computational Mathematics

August 2021

BS Statistics

May 2022

GPA: 3.3 (Overall and Departmental)

Recent Projects

Predicting Whether a Given Mushroom is Edible

- Using physical characteristics to predict whether a given mushroom is poisonous or not
- Using typically data analysis methods to build linear and non-linear classification models
- Data from Kaggle repository and models built and tested in R

Convenient Store Server Simulation

- Simulated a convenience store's server using MySQL
- Included functions like updating stock, updating customer carts, and many others

Twitter Data Scraping Using API

- Pulls recent tweets from a given user and analyzes several aspects of their tweets

All Projects and Labs can be seen on my GitHub (github.com/isboulis)

Leadership Experience

Beta Sigma Theta | Houghton, MI

Vice President: Responsible for leading and teaching ten (2x more than the previous year) new members of the organization. Ensuring they have the appropriate information and history about our organization through weekly meetings and daily check-ins. Also responsible for administrative duties similar to the president e.g., running general assembly meetings, decision making, etc.

Scholarship Chair: Promote learning strategies throughout the chapter and ensure the brotherhood is maintaining good academic standing through study hours and incentives for good grades. I led the relevant committee for this position and held an executive board position. During my time as Scholarship Chair, the brotherhood achieved a higher GPA than Men's Average.

Work Experience (most recent)

Physics Demonstration Crew | Michigan Technological University

January 2019 – Present

- General upkeep of the MTU Physics Department (organizing labs, equipment, and supplies)
- Performed in-person demonstrations onstage in front of ~200+ students
- Organized and performed demonstrations in a timely manner
- Worked closely with faculty and staff of varying departments

Co-Curricular Involvement

Society for Industrial and Applied Mathematicians – Treasurer

Undergraduate Student Government – Student Affairs Committee Chairman, WAM Member

Order of Omega – General Member

Relevant Coursework and Technical Skills

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| ▪ Predictive Modeling | ▪ Machine Learning | ▪ MatLab, Java |
| ▪ Regression Analysis | ▪ Time Series Analysis | ▪ Python, R, SAS, SQL |
| ▪ Experiment Design | ▪ Data Mining | ▪ MS Office Suite |