MARTHA YVONNE EICHLERSMITH

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SUMMARY

A motivated, problem-solving data analyst, skilled in furnishing insights, analytics and business intelligence to empower organizations to make agile, data-driven improvements.

SKILLS

Quantitative methods

Data visualization and modeling

Statistical analysis

Data management

Business intelligence

Reporting for a variety of audiences

Power user of:

- R
- Excel (VBA)

Experience in:

- SAS
- Python

EDUCATION

Gustavus Adolphus College, B.A. 2015

Summa Cum Laude

Major: Mathematics

Minor: Economics

- Academic Assistantship, Department of Math and Computer Science
- Co-Capitan, Gustavus Women's Rugby Team
- Gustavus Women in Leadership Member

INTERESTS

Hockey, knitting, tea, and environmental studies

EXPERIENCE

Graduate Student in Statistics   September 2018 – Present

Northwestern University, Evanston, IL

Relevant Coursework: Sampling Theory and Applications, Regression Analysis, Design and Analysis of Experiments, Qualitative Data Analysis, Applied Bayesian Inference

- Teaching Assistant   *Department of Statistics*
  - Introduction to Statistics for the Social Sciences (STAT 210)
  - Lead discussion groups and clarified requirements for assignments
  - Collaborated with professor and mentored undergraduate students
  - Held office hours and graded assignments
- Assistant Chair   *Hobart House (Women's Residential College)*
  - Assisted Chair with programming and community building by building relationships with faculty fellows, implementing programs and events, and facilitating spending and reimbursements, overseeing spending of the budget
  - Advised Hobart's Executive Board and student members, preparing monthly program reports
- Executive Communications Chair   *Women in Statistics (WIST)*
  - Managed communications to WIST members, marketing events, and maintaining website
  - Day-of event administration for the Women in Data Science Chicago conference

Public Finance Investment Banking Analyst   June 2015 – June 2018

Piper Jaffray & Co., Minneapolis, MN

- Actively participated in all phases of the deal process:
  - Analyzed capital structures, debt capacity and credit profiles of clients
  - Created presentations for clients to present to investors
  - Led the structuring of the transaction and created exhibits to be included in bond documents
  - Reviewed and commented on bond documents to properly reflect the transaction
  - Prepared closing memos detailing flow of funds and instructions to necessary parties
  - Interacted with financing team members to accomplish tasks necessary to close the transaction
- Notable Transaction: $230+ million Senior Living acquisition tax-exempt and taxable public offering
  - Compiled financials and created summaries regarding the 8 assets acquired in the transaction
  - Built a unique four-tiered structure to achieve four different tranches of debt to appeal to a diversified group of investors
  - Execution of transaction resulted in record revenues for department

Community Based Service and Learning Assessment Project Analyst   September 2014 – May 2015

Gustavus Adolphus College, Office of Community-Based Learning, St. Peter, MN

- Collected and organized Likert Scale survey results utilizing SurveyMonkey and Excel and created a long-term data set that is accessible to, and can be built upon by, future CBL staff
- Analyzed online assessment data using R and created additional assessment tools that did not utilize Likert Scale and compared results
- Presented results of online assessment data analysis project to community engagement participants and faculty in April 2015 and facilitated dialogue regarding findings and future improvements