Matthew J. Heister

Providence, RI ● 401-555-1421 ● MatthewJHeister@gmail.com ● linkedin.com/in/matthewjheister

SUMMARY

High-achieving mathematics student and NSF funded Spin+ Scholar with coursework and professional experience in statistics, financial theory, and risk assessment. Experience with effectively working on collaborative teams and conducting high-level problem solving. Proven ability to apply business and data analytics principles to drive insights and recommendations to support organizational goals.

EDUCATION

University of Rhode Island, Kingston, RI   May 2023
Bachelor of Science in Mathematics, Statistical Science Minor
GPA: 3.8/4.0, Dean's List (all semesters), University of Rhode Island Honors Program
URI SPIN+ Scholar - NSF Funded Scholarship STEM Award Program, 4 Year Grantee

Relevant Coursework

- Probability and Statistics
- Dynamical Systems
- Measure Theory and Integration
- Probability on Discrete Structures
- Economic Models
- Linear Algebra

PROFESSIONAL EXAMS

Passed Society of Actuaries Exam P/Casualty Actuarial Society Exam 1 (Probability)   September 2022
Sitting for SOA Exam FM/CAS Exam 2 (Financial Mathematics)   February 2023

TECHNICAL SKILLS

SAS, SPSS, Minitab, Mathematica, Python, LaTeX, Eclipse, Google Analytics, R Programming, Microsoft Access, Microsoft Excel, Microsoft Word, Microsoft PowerPoint, Zoom, Google Workspace

PROFESSIONAL EXPERIENCE

Rhode Island Benefits Corporation, Providence, RI   May 2022 - Present
Actuarial Intern

- Compute accrued and vested benefits for clients; calculate retirement benefits/plan terminations
- Analyze data and prepare projection graphs of future costs for valuations
- Collect and revise employee salary and employment records for use in ProVal

Nittany Technologies, Providence, RI   May - August 2021
Data Analyst Intern

- Utilized SPSS and Minitab statistical software to track and analyze data
- Optimized data collection procedures and generated reports on weekly/monthly/quarterly basis
- Used advanced Microsoft Excel to create pivot tables and employed VLOOKUP
- Conducted reports for implementation of sample marketing strategies, which resulted in a projected 22% growth in targeted customer acquisition

PROJECTS

Prediction Analysis   January - March 2022

- Conducted experimental prediction markets with human and artificial intelligence to find the best tools to predict future events such as election results or the stock market
- Developed experiment-procedure outline that reduced bias by eliminating involvement of the experimenter and saved two hours and $200 per experiment

HONORS AND AFFILIATIONS

URI SPIN+ Scholar Program, Spin+ Scholar   October 2020 - Present

- Awarded highly selective National Science Foundation funded scholarship program directed at preparing and connecting STEM students identified as high achieving to workforce employers
- Participate in professional development programs with industry speakers, STEM alumni, employers

American Mathematical Society, Student Member   May 2020 - Present

LEADERSHIP EXPERIENCE AND ACTIVITIES

University of Rhode Island Rowing Team, Kingston, RI   September 2020 - Present

- Commit 30 hours/week to training, competition, and travel while maintaining full course load
- Develop teamwork, time management, critical thinking, goal setting, and communications skills

Math & Physical Sciences Ambassador Program, URI Mathematics Dept., Kingston, RI   January - May 2022

- Mentored 20 first and second year students in course selection and securing research opportunities