

Bailey Business

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EDUCATION

The University of Texas at Austin, Austin, TX

May 2021

Bachelor of Science in Mathematics, GPA 3.5

- *Elements of Computing Certificate*
- *Business Minor, McCombs School of Business*

TECHNICAL SKILLS

- Proficient with Java; Experienced with Python, Excel; Familiar with SQL, R

EXPERIENCE

PricewaterhouseCoopers, Dallas, TX

May 2020 – August 2020

Risk Consulting Intern

- Processed a large 5-year database in preparation for behavior modeling using SQL
- Researched current methodology in concentration risk measurement and assisted in preparing deliverables
- Developed and delivered Excel macros to estimate risk components for each asset class in optimizing client's risk management

Barclays, New York, NY

May 2019 – August 2019

Summer Analyst

- Supported U.S. Equities by maintaining active server connections from clients to exchange
- Generated version-change and low latency reports to automate troubleshooting

Sanger Learning Center, The University of Texas at Austin, Austin, TX

March 2018 – Present

Mathematics Tutor

- Tutor 50+ students in all levels of college math including Pre-Calculus, Calculus, Probability, and Statistics
- Interact with an immensely diverse student body, and tailor methods to each individual's learning style
- Coordinate with learning specialists and professors to create study groups to enhance student learning and increase comprehension levels of material

PROJECTS

- **Content Aggregator** – developed news content aggregator using python to fetch all current state and local news regarding COVID-19
- **Personal Finance Tool** – developed personal finance tool to track transactions, budget expenses, and display spending and income reports using SQL

CAMPUS INVOLVEMENT

The University of Texas at Austin Office of Admissions, Austin, TX

May 2018 – May 2019

Student Ambassador

- Guided prospective freshmen and transfer students through admission process
- Acted as first contact with university for prospective students, providing students with admissions information
- Participated in university wide recruitment events such as Longhorn Saturday

Math Club, The University of Texas at Austin, Austin, TX

August 2018 – May 2020

Secretary

- Compiled a collection of scholarships and internship opportunities for all members
- Established 4 social events throughout semester to create a sense of community within the organization
- Recorded minutes from all club meetings and shared with leadership team