William A. Everett

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EDUCATION

Georgetown University   Washington, D.C.
Bachelor of Science in Business Administration   *Expected Graduation: May 2022*
- McDonough School of Business – Operations & Analytics
- McDonough School of Business – Finance
- Georgetown College – Computer Science

Relevant Coursework:
- Decision Support Systems, Data Visualization, FinTech, Advanced Programming, Modeling Analytics

TECHNICAL SKILLS

Highly Proficient: Python, Tableau, R, C++, Java, Excel, VBA, HTML, Git
Proficient: SQL, SAS

WORK EXPERIENCE

Georgetown FinTech   Washington, DC
Research Analyst   *Aug 2020 - Present*
- Conduct top-down analysis on peer-to-peer lending trends to investigate a new banking landscape
- Present original research and final proposals to FinTech industry leaders in a 15-minute pitch
- Maintain disciplined communication and collaboration in a virtual setting with a team of 8

Georgetown University Computer Science Department   Washington, DC
Teaching Assistant – CS with Python   *Aug 2020 - Present*
- Assist with weekly live lab sessions by leading various breakout rooms to help students complete assignments
- Schedule three hours each week to meet with students via zoom to answer course-related questions
- Evaluate code from labs, homework, and projects each week

DC Reads   Washington, DC
Academic Mentor   *Jan 2019 – Mar 2020*
- Mentored two underserved elementary school students for eight hours each week
- Devised lesson plans to engage vastly diverse reading abilities, learning styles, and interests
- Cultivated a constructive learning environment, resulting in significant academic improvement

Yates Field House   Washington, DC
Maintenance Attendant   *Aug 2019 - May 2020*
- Meticulously preserved the overall cleanliness and operational capability of facilities and equipment
- Discussed a plan with team members to strategically and thoroughly complete a multi-faceted daily agenda
- Trained new teammates to perform equivalent tasks

PERSONAL PROJECTS

Optimal Portfolio Solver   *Jan 2021*
Python
- Built a financial model that uses mean-variance optimization to calculate the efficient frontier
  for specified assets over any given period of time
- Utilized Matplotlib and Bokeh libraries for data visualization, Yahoo Finance API for data retrieval
- App is hosted on a Heroku server

Golf Handicap Web-App   *May 2020*
Python
- Collaborated with two teammates to build a web-based application allowing users to post and store golf
  scores that are transformed into a continuously updated USGA Handicap Index
- Integrated HTML front-end with Python Flask-enabled back-end
- Utilized Google Sheets API for database storage and retrieval

Vehicle Record Digitization   *Oct 2020*
C++
- Developed a program to digitize and automate record-keeping processes for a rental car company
- Applied object-oriented programming, inheritance, and polymorphism concepts