# 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 | Finance
- Georgetown College – Computer Science
- Cumulative GPA: 3.30 / 4.00

**Relevant Coursework:**
- Decision Support Systems, Data Visualization, Business Statistics, Advanced Programming, Modeling Analytics

## TECHNICAL SKILLS

**Proficient:** Python, Tableau, R, SQL, C++, Java, Excel, VBA, Git

## WORK EXPERIENCE

**The Escape Game**                                                                                                  Nashville, TN
*Data Analyst*                                                                                                  *Apr 2021 – Feb 2022*
- Integrated 3rd Party APIs (Shopify, Google, TalkDesk, Xola) to explore transactional data from 22+ stores
- Developed web scraping application using Python and Pandas to extract customer reviews daily
  and compile them into a private, centralized database for easier reporting
- Reconciled thousands of records from conflicting sources to correct for booking systems bug
- Designed an operational report by extracting, transforming, and loading
  200,000+ data points into meaningful visualizations to help decision-makers
  understand the overall health of each local store in real time
- Maintained a financial data set around cash flow and game capacity
  shared with directors and managers every morning in a concise PDF report
- Collaborated with departments to understand data and reporting needs as they impact the business

**Georgetown University Computer Science Department**                                           Washington, DC
*Teaching Assistant – CS with Python*                                                            *Aug 2020 – May 2021*
- Assist with weekly live lab sessions by leading breakout rooms
- Schedule three hours each week to meet with students 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

## PERSONAL PROJECTS

**NBA Team Valuation Factors Dashboard**                                                                 *Mar 2021*
*Tableau*
- Developed a Tableau dashboard allowing users to examine the relationship between team valuations
  and other factors—such as win percentage, Twitter retweet counts, and arena attendance
- Effectively combined 9 distinct files into one usable dataset
- Utilized various controls (filters, parameters, highlighters) to enhance dynamic capability of the final dashboard

**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