

William A. Everett

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EDUCATION

Georgetown University

Bachelor of Science in Business Administration

Washington, D.C.

Expected Graduation: May 2022

- McDonough School of Business – Operations & Analytics | Finance
- Georgetown College – Computer Science
- Cumulative GPA: 3.40 / 4.00

Relevant Coursework:

- Decision Support Systems, Data Visualization, Data Mining, Data Structures, 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 - Present

- 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