William A. Everett

3670 Trousdale Pkwy, Los Angeles, CA 90089 | *willeverett13@gmail.com* | *402-730-2752*
https://weverett.com/

EDUCATION

University of Southern California — Los Angeles
Master of Science in Business Analytics — *Dec 2023*

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

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 in real time, enabling marketing department and operations team to make informed decisions
- Developed automated web scraping application using Python and Pandas to extract, compile, and prioritize customer reviews daily in centralized database, increasing efficiency and visibility for operations team to address issues in real time
- Analyzed thousands of bookings records from various sources, identified inconsistencies, resolved bugs, standardized reporting and implemented booking improvements, saving time producing more accurate sales and product data
- Designed an operational report by extracting, transforming, and loading 200,000+ data points into meaningful visualizations in Google Data Studio to help general managers understand the overall health of each local storet
- 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 department heads 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*
- Led weekly lab sessions, explaining advanced Python concepts such as inheritance and encapsulation
- Evaluated code from labs, homework, and projects from 50+ students

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 using joins and unions
- Utilized various controls (filters, parameters, highlighters) to enhance dynamic capability

Optimal Portfolio Solver — *Jan 2021*
Python
- Designed a financial model in the form of a web application that uses mean-variance optimization to calculate the efficient frontier for specified assets over any given period
- Utilized Matplotlib and Bokeh libraries for data visualization, Yahoo Finance API for data retrieval

TECHNICAL SKILLS

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