

JOSEPHINE WHITTINGTON

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EXPERIENCE

UNDERGRADUATE TEACHING ASSISTANT, UNIVERSITY OF MARYLAND

August 2024 – Present

- Teaching assistant for Data Science Techniques (INST414)
- Provided hands-on assistance to students learning data science during discussion sections and office hours

DATA & ANALYSIS INTERN, DIGITAS

June 2024 – August 2024

- Contributed to a one-day reduction in reporting time by automating the data pulling process from DSPs using Python
- Designed and presented data-driven marketing campaign with other interns for client (Sephora)
- Calculated benchmarks and updated measurement trackers for quarterly based reviews for client (Haleon)
- Enhanced understanding of Excel, Tableau, Power BI, Python, and DSPs (DV360, the Trade Desk, Xandr)

DATATHON PARTICIPANT, UNIVERSITY OF MARYLAND SCHOOL OF BUSINESS

April 2024 – May 2024

- Participated in datathon focused on recommendations of new NBA teams
- Used Tableau to create data visualizations in support of team's recommendations to be presented to judges
- Used machine learning to predict costs and form a realistic timeline for the NBA

UNDERGRADUATE TEACHING ASSISTANT, UNIVERSITY OF MARYLAND

January 2024 – May 2024

- Teaching assistant for Introduction for Programming for Information Science (INST126)
- Provided hands-on assistance to students learning Python during class and through office hours

UNDERGRADUATE TEACHING ASSISTANT, UNIVERSITY OF MARYLAND

August 2023 – December 2023

- Teaching assistant for Research Methods in Psychology (PSYC300)
- Provided hands-on assistance to students learning R and statistics during lab sections

DATA CURATION FELLOW, UNIVERSITY OF MARYLAND

January 2023 – June 2023

- Located and analyzed datasets using Python and R for use by university professors
- Worked in team to create coding questions for use in Information Science courses

PSYCHOLOGY RESEARCH ASSISTANT, UNIVERSITY OF MARYLAND

February 2022 – December 2022

- Conducted research on selective exposure and presented literature reviews of studies
- Processed participants through decision, attention, and memory studies

EDUCATION

UNIVERSITY OF MARYLAND, COLLEGE PARK

Current GPA 3.97

- Bachelor of Science, Double Major (August 2021 – December 2024)
 - Social Data Science (Government & Politics concentration)
 - Psychology
- Alpha Phi Omega Community Service Fraternity
- Phi Kappa Phi Honor Society
- College Park Scholars Program – International Studies (August 2021 – May 2023)

SKILLS & ABILITIES

- Python (Pandas, TensorFlow, SciKit-Learn, Matplotlib, Seaborn, BeautifulSoup, SciPy)
- R (ggplot, dplyr, RSQLite, tidyr, shiny)
- Database Design: SQL
- Data Visualization (Tableau, Gephi, Power BI)
- Front-End Development: HTML
- Survey Design (Qualtrics)
- Machine Learning (linear regression, logistic regression, k-nearest neighbors, SVM, decision trees)
- Excel (pivot tables, VLOOKUP, query functions)
- Academic Research
- Statistical Analysis (hypothesis testing, A/B testing, regression analysis)