

# JOSEPHINE WHITTINGTON

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<https://josiewhittington.github.io/>

## EXPERIENCE

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### 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

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### 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
- Alpha Sigma Kappa – Women in Technical Studies Sorority
- Phi Kappa Phi Honor Society
- College Park Scholars Program – International Studies (August 2021 – May 2023)

## SKILLS & ABILITIES

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| <ul style="list-style-type: none"><li>• Python (Pandas, TensorFlow, SciKit-Learn, Matplotlib, Seaborn, BeautifulSoup, SciPy)</li><li>• R (ggplot, dplyr, RSQLite, tidyr, shiny)</li><li>• Database Design: SQL</li><li>• Data Visualization (Tableau, Gephi, Power BI)</li><li>• Front-End Development: HTML</li><li>• Survey Design (Qualtrics)</li></ul> | <ul style="list-style-type: none"><li>• Machine Learning (linear regression, logistic regression, k-nearest neighbors, SVM, decision trees)</li><li>• Excel (pivot tables, VLOOKUP, query functions)</li><li>• Academic Research</li><li>• Statistical Analysis (hypothesis testing, A/B testing, regression analysis)</li></ul> |
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