

MIKHAIL SEBASTIEN TABONG

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Education

University of Maryland, College Park

Aug 2023 – May 2026

B.S. in Information Science

College Park, MD

- **Relevant Coursework:** Data Science; Intro to Data Visualization; Data Science Techniques; Health Data Analytics; Database Design Modeling; Application of R for Data Science

Certifications

Google Data Analytics Professional Certificate

Feb 2025

Coursera

Online

Experience

Data Analyst Intern

Dec 2024 – Apr 2025

Ambulero, Inc.

Miami, FL (Remote)

- Streamlined test-data workflows using Python, improving pipeline efficiency by 30%.
- Normalized XML test data into SQL schema for time-series analysis on 10K+ records.
- Built interactive Tableau dashboards for QA KPIs across 5 product lines; reduced error resolution time by 15%.
- Collaborated with QA and engineering teams to implement validation scripts; cut false error rate by 20%.

Data Analyst Intern

Oct 2024 – Dec 2024

Chosan

Los Angeles, CA (Remote)

- Audited and optimized contractor inventory database using SQL; reduced discrepancies by 15%.
- Developed Python ETL pipelines for weekly ingestion and quality checks from 150+ sources.
- Designed Tableau dashboards monitoring 10+ KPIs, automating stakeholder-ready reports.
- Saved 10+ hours/month by automating manual reporting processes.

Skills

- **Programming & Analysis:** Python, R, SQL, pandas, NumPy, scikit-learn
- **Data Visualization:** Tableau, Excel, Matplotlib, Seaborn
- **Databases & ETL:** MySQL, PostgreSQL, data cleaning, pipeline automation
- **Web & Tools:** Flask, React, Git/GitHub, Agile methodologies
- **Machine Learning:** Classification, regression, clustering, model evaluation, bias mitigation

Projects

Hepatitis Detection Using Machine Learning — *R, ML, Data Analytics*

Apr 2025 – May 2025

- Built a clinical prediction model for hepatitis-related mortality using UCI dataset.
- Engineered features and trained Decision Tree, SVM, and KNN; SVM achieved best ROC-AUC and sensitivity.
- Performed fairness testing across gender and applied bias mitigation for ethical deployment.

Superstore Dashboard — *Tableau, Excel*

Jan 2025

- Created interactive Tableau dashboard analyzing 48 months of retail data across 4 regions and 3 segments.
- Designed calculated fields to reveal a 12% profit drop in consumer segment due to discounting.
- Optimized extract filtering to reduce dashboard load times by 35%.

NBA 3-Point Trends — *Python, scikit-learn, Seaborn*

Jan 2025

- Analyzed team-level 3-point data using regression and clustering to identify shifts in shot efficiency.

Leadership

Warden & Fundraising Chair

Fall 2023 – Present

Phi Delta Sigma, Inc.

College Park, MD

- Raised over \$6,000 through planning and executing fundraising events and concessions group activities.
- Assumed Warden responsibilities mid-term; organized and tracked weekly chapter meetings and addressed organizational issues.
- Coordinated volunteer teams and managed event logistics to ensure smooth execution of campus initiatives.