Mikhail Sebastien Tabong

Annapolis, MD

📱 (808) 388-2725 ✉ mikhailtabong@gmail.com in linkedin.com/in/mikhail-tabong 🌐 mikhail-tabong.github.io

Education

University of Maryland, College Park — **Aug 2023 – May 2026**

Bachelor of Science in Information Science — *College Park, MD*

- **Relevant Coursework:** Data Science, Data Visualization, Data Science Techniques, Health Data Analytics, Database Design & Modeling, Application of R for Data Science
- **Certification:** Google Data Analytics Professional Certificate — Data cleaning, SQL, R, Tableau, case-based analysis

Experience

Financial Crimes Compliance Analyst/Consultant — **June 2025 – Present**

Protiviti — *Washington, DC*

- Conduct AML compliance reviews and case investigations for TD Bank MBS as part of a large consulting team, ensuring alignment with regulatory requirements and internal controls.
- Analyze and monitor 40+ client accounts monthly using Actimize, SAS, SQL, and Tableau to identify suspicious transactions and produce actionable risk reports.
- Automate recurring reporting and optimize investigation workflows, reducing case turnaround time and improving data accuracy.
- Support enhancements to compliance procedures by implementing data-driven solutions that minimize operational and regulatory risk.

Data Analyst Intern — **Oct 2023 – Dec 2024**

Chosan — *Los Angeles, CA (Remote)*

- Audited and optimized contractor inventory database using SQL, reducing discrepancies by 15%.
- Developed Python ETL pipelines for weekly data ingestion and automated quality checks from 150+ sources.
- Designed Tableau dashboards for 10+ KPIs, automating stakeholder reporting and saving 10+ hours per month.
- Performed statistical analyses to identify business trends and support inventory planning.
- Conducted ad hoc data analyses to uncover inefficiencies in contractor utilization and logistics.

Projects

Spotify Genre Clustering for User Personalization — *Python, Flask, MySQL, scikit-learn* — **May 2025**

- Clustered Spotify users by genre preferences using cosine similarity and agglomerative clustering to enable personalized recommendations.
- Developed a Flask web app with PostgreSQL backend for real-time user data collection and clustering.
- Applied t-SNE for dimensionality reduction and visualization; delivered actionable cluster insights for product and marketing teams.

Hepatitis Mortality Prediction Using Machine Learning — *R, ggplot2, dplyr, PowerPoint* — **May 2025**

- Built a predictive model for hepatitis mortality using the UCI Hepatitis dataset, applying Decision Tree, SVM, and KNN algorithms.
- Performed feature engineering, model tuning, and achieved top ROC-AUC with SVM; evaluated bias and fairness across gender groups.

Superstore Sales Dashboard — *Tableau, Excel* — **May 2025**

- Designed an interactive Tableau dashboard analyzing 48 months of sales across 4 regions and 3 segments.
- Implemented dynamic filtering and time-based analytics; uncovered a 12% profit drop due to over-discounting.
- Optimized dashboard load time by 35% through extract filter refinement.

Skills

Programming: Python, SQL, R
Tools: Tableau, Excel, Actimize, SAS
Compliance: AML Investigations, Risk Assessment, Regulatory Reporting
Professional: Communication, Problem Solving, Collaboration

Leadership / Extracurricular

Phi Delta Sigma Fraternity Inc. — **Jan 2023 – Present**

Warden & Fundraising Chair — *College Park, MD*

- Led fundraising efforts, raising $6,000+ and managed logistics for 10+ campus-wide events.