

ARIAM VALENCIA, MS

Computing Sciences Researcher II (Full Stack Power BI Developer)
The University of Arizona | Center for Biomedical Informatics & Biostatistics

PROFESSIONAL SUMMARY

Data analytics professional specializing in full-stack Power BI development within academic healthcare environments. Experienced in designing secure, HIPAA-compliant reporting systems that support biomedical research, institutional decision-making, and data governance.

TECHNICAL SKILLS

Business Intelligence & Data: Power BI (DAX, M, Data Modeling, RLS, OLS) | ETL Development | API Integration | SQL | REDCap Integration

Security & Compliance: HIPAA-Compliant Reporting | Data Governance | Role-Based Access Control

Programming & Tools: Python | R / RStudio | Visual Studio | Microsoft Power Platform | Slack | Zoom

Instructional & Communication: Technical Documentation | Data Training & Instructional Video Development | Academic Instruction | D2L Brightspace

PROFESSIONAL EXPERIENCE

Computing Sciences Researcher II (Full Stack Power BI Developer)

Center for Biomedical Informatics & Biostatistics, The University of Arizona

April 2022 – Present

- Design and maintain secure Power BI reporting solutions integrating REDCap and API-based research data.
- Develop ETL workflows transforming clinical and operational datasets into optimized semantic models.
- Implement Row-Level and Object-Level Security models ensuring HIPAA compliance.
- Collaborate with research faculty and leadership to develop dashboards supporting institutional initiatives.
- Manage full lifecycle of report development from requirements gathering through deployment and governance.
- Develop training materials and documentation to support institutional adoption of BI tools.

Adjunct Professor — Business Analytics

Southern New Hampshire University

December 2024 – Present

- Teach Descriptive, Predictive, and Business Analytics courses.
- Provide structured feedback to support student mastery of quantitative methods.
- Develop supplemental instructional content to enhance applied learning.

Graduate Assistant — Applied Machine Learning

Eastern University

October 2021 – December 2021

- Assisted in graduate-level instruction for Applied Machine Learning.
- Evaluated student code and provided structured technical feedback.

ADDITIONAL EXPERIENCE

- Previous roles in operations, administration, and retail leadership (2011–2021) demonstrating strong communication, performance optimization, and team supervision.

EDUCATION

Master of Science in Data Science — Eastern University (2021, 4.0 GPA)

Bachelor of Arts in English — Florida Atlantic University (2015)

CERTIFICATIONS

- Microsoft Certified: Power BI Data Analyst Associate (PL-300)
- HIPAA Annual Certification

LANGUAGES

- Spanish — Reading (B2), Listening (B1-B2), Speaking (A2-B1)
- Russian — A1 (currently studying)