

# MATTHEW WILLIAMS

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Resume

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## SUMMARY

Results-driven Data Analyst with a BBA in Computer Information Systems (Distinction), skilled in SQL, Python, Power BI, and GIS. Lead developer of the Bahamas Crime Intelligence Map and co-developer of Coral Coin, an award-winning fintech project recognized internationally.

## EDUCATION

### University of The Bahamas

BBA Computer Information Systems  
2024  
Distinction

### Government High School

Agriculture  
2017  
Valedictorian & Headboy

## TECHNICAL SKILLS

- Data & Analytics:** SQL, Power BI, Python, Pandas, NumPy, Scikit-learn
- GIS & Spatial Analysis:** QGIS, GeoJSON, Leaflet, Folium, Shapely
- Tools & Technologies:** FastAPI, Uvicorn, React (basic), Git/GitHub, Docker, SQL Server Management Studio
- Programming Languages:** Python, SQL, PowerShell, JavaScript, HTML/CSS, DAX (Proficient); R, C#, Java, Batch Scripting (Familiar)
- IT & Systems:** Microsoft 365 Administration, Systems Troubleshooting, Networking Fundamentals

## CERTIFICATIONS

- Google Analytics
- Power BI & SQL for Data Analytics
- Oracle Cloud Infrastructure Data Science
- IBM Data Science Specialization (Coursera)
- Microsoft IT Support Specialist (Coursera)

## ACHIEVEMENTS

- Suzanne Black Student of the Year (2024)
- UB Alumni Leadership Award (2024)
- Harvard Live AI Hackathon – Multi-Award Winner (2024)
- National Youth Awardee in Agriculture (2022)

## KEY PROJECTS

### Lead Developer | Bahamas Crime Intelligence Map

May 2025 - Present

- Built a full-stack crime analytics platform using RBPF data (2019-2024).
- Automated ETL pipelines with pdfplumber, pandas, and numpy.
- Designed FastAPI endpoints and deployed live system (Vercel + Render).

### Lead Developer | IT Service Desk Analytics Dashboard

Dec 2025

- Developed Power BI dashboard analyzing ticket volumes and resolution times.
- Extracted and transformed SQL data to identify bottlenecks and SLA compliance.

### Co-Developer | Coral Coin

Mar 2024 - Apr 2024

- Co-developed a digital money transfer service during the LIVE AI Hackathon.
- Integrated Stripe and blockchain for secure peer-to-peer payments.
- Won multiple awards, including Best International Product (ICP Hub NA) and Financial Technology Winner (Harvard).

## PROFESSIONAL EXPERIENCE

### Volunteer Staff (Seasonal Role) | Creative Arts and Performing Arts School (CAPAS)

May 2025 - Jun 2025

- Coordinated logistics and managed registration data for national auditions.
- Supported the administrative team in daily operations.

### President | Student Government Association, Uni. of The Bahamas

Aug 2022 - Jun 2023

- Directed 21-member board representing 4,000+ students; managed \$160K+ budget.
- Oversaw transition to Microsoft 365, improving communication and digital efficiency.
- Led policy reforms and student advocacy initiatives.