**BRANDON DIAZ-LOPEZ**

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Portfolio: [Brandon Diaz-Lopez's portfolio (brandondiazlopez.github.io)](https://brandondiazlopez.github.io/Resume_Portfolio/)

**PROFESSIONAL SUMMARY**

IT Professional and Military Veteran with an Active Secret Security Clearance. Over 9 years’ experience in providing Enterprise business solutions across large scale environments. Proven performance in linking organizational vision with the delivery of desired results through empowerment, development, processes, and technology.

**PROFESSIONAL EXPERIENCE**

**Advantor Systems – Orlando, FL July 2021 – Current**

**Configuration Management Analyst**

* Audited and integrated 3K equipment information into Salesforce Database by utilizing dataloader.io, which led to increased tracking capabilities and performance outputs leading to increasing efficiency by 20%.
* Improved folder organizational structure by creating new efficient SOPs to support over 4K documentation, which saved roughly 10% in man hours.
* Optimized current configuration policies and procedures by auditing current procedures to maintain code integrity through the development lifecycle, which led to increased work efficiency and man hours by 25%.

**United States Air Force – Technical Sargent (E6) May 2014 – Aug 21 (Active Duty USAF)**

**Senior Data Analyst | Senior Database Administrator Aug 21 – Current (USAF Reserves)**

* Provided 24/7 database support to the entire Air Force Aircraft Maintenance fleets, by solving complex database issues using SQL knowledge, which increased accuracy for 250K USERs and 104 military installations by 10%.
* Conducted rigorous analysis of data to assess and identify adverse trends, by isolating potential problem areas during analysis investigation, which led to stakeholders improving maintenance procedures and spearheaded passing rates for several KPIs over a five-year period.
* Audited 609 user-profiles and identified 27% errors while reviewing Integrated Maintenance Data System (IMDS) manning integrity; resulted in a 40% improvement to manning statistics over a 10-month period.
* Supervised fleet health of 88 Drone and Fighter Aircraft by evaluating IT business methods and practices, which led to decreasing man hours by 10% while increasing work proficiency by 12%.
* Maximized Drone Aircraft availability by using regression statistical methods to identify an increasing negative trend, which resulted in a reduced expenditure of 2M$, and an increased work proficiency by 50%.
* Investigated common drone breaks and write ups by using regression analysis methods, which drove the Air Force headquarters to review and change common Aircraft practices.

**Skills**

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| * Data | Trend Analysis | * SAS | * Salesforce |
| * Power BI | * Database Management | * Tableau |
| * Process Automation | * Python | * R |

**Education**

* **Master of Science in Data Analytics**, University of Central Florida, Exp. Graduation Date: 2024

**Relevant course work:**

* + Machine Learning, Data Mining, Data Visualization, Statistical Analysis
* **B.S in Interdisciplinary Studies**, magna cum laude, Park University, 2021
* **2R071 Crafts Man Class, Aircraft Maintenance Analysis,** United States Air Force, 2021
  + 80+ hours of statistical theory, investigative analysis, and mathematical training.
* **Airman Leadership School,** United States Air Force, 2020
  + 240+ hours of human resource management, ethical leadership, and public speaking.
* **A.A.S. Science in Maintenance Production Management**, Community College of the Air Force, 2020
* **2R051 Journey Man Class, Aircraft Maintenance Analysis,** United States Air Force, 2015
* **2R031 Apprenticeship Class, Aircraft Maintenance Analysis,** United States Air Force, 2014
* **Basic Military Training,** United States Air Force, 2014

**Ending thoughts**