**Tyler S. Givens**

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**Senior Data Analyst**

**Innovative:** Created and implemented numerous performance-enhancing programs and led strategic process improvements across all organizational levels, increasing operational efficiency and data-driven decision-making.

**Analytical:** Conducted deep-dive research and analysis on cyber and IT topics, leveraging advanced research methodologies and enhancing multi-source database functionality for improved insights.

**Empowering:** Fostered professional growth through continuous learning, proactive mentorship, and skill development, driving cross-functional collaboration and building a culture of knowledge sharing across teams.

**Skills**

**Data Analysis:** SQL, Data Modeling, Joins, ETL processes, Python, Pandas, Tableau, Power BI, GitHub

**Social Media:** API, JSON Data Structures, Facebook/Messenger, Twitter/X, Instagram/Threads, Reddit, Snapchat

**OSINT:** Data Collection, Public and Private Data Sources, Maltego, Shodan, I2 Analyst’s Notebook, Darknet

**Team Leadership:** USAF Training, Real-World Leadership Development Experience, Results-Driven

**Project Management:** JIRA, Kantata, Confluence, Trello, Sprint Planning, Backlog Grooming, Agile, Scrum

**KPI/OKR Tracking:** Development and maintenance of key performance indicator dashboards, OKR alignment

**Research:** Primary/Secondary Research, Trend Forecasting, Executive Briefs, Competitor Analysis, Strategic View

**Innovation:** USAF Vice Chief’s Challenge, Cross-Functional Teams, Analytics Integration into Enterprise Processes

**AWS:** Lambda, EC2, Athena, ECS, IAM, Firehose, Fargate, Kinesis, Glue, VPC, CloudWatch, Scalable and Secure

**Cloud Storage/Databases:** Redshift, RDS, DynamoDB, S3 data lakes, SQL and no-SQL, relational design

**Data Storytelling:** Translating Complex Data into Executive Insights with detailed reports and metrics dashboards

**Machine Learning:** Predictive modeling, clustering, feature engineering, model evaluation, and data analysis.

**Statistical Analysis:** Hypothesis testing, linear and logistic regression, A/B testing, statistical significance

**Work Experience**

**Senior Data Analyst / Project Manager** Dec 2023 – Current

Metova

Led and executed multiple custom IT initiatives, including mobile/web app development, big data architecture, and enterprise-level data analysis. Designed and deployed a custom database platform with real-time data stream integration for automated analytics. Oversaw and optimized Kantata and JIRA environments.

* **Built advanced social media monitoring infrastructure** using a full suite of AWS tools (Lambda, Athena, S3, etc.), enabling ingestion and comparative analysis of billions of records daily; delivered actionable daily, weekly, and monthly insights to executive and analyst teams.
* **Directed eight Proof-of-Concept (PoC) projects** focused on data storage, structuring, and management across diverse fields/sources; enforced data normalization and compliance with security and formatting protocols.
* **Developed and maintained a project tracking system** covering 100+ initiatives, enabling real-time KPI monitoring, budget adherence, and improved resource allocation for cross-functional teams.

**Operations and International Law Section Manager**  May 2019 – Dec 2023

U.S. Air Force

Established and led the Operations & International Law Section from the ground up, defining roles, building team capabilities, and aligning legal operations with dynamic warfighter requirements. Delivered expert legal training and guidance to commanders, legal advisors, and warfighters, including personnel at U.S. Special Operations Command (SOCOM) and U.S. Central Command (CENTCOM).

* **Deployed to CENTCOM Headquarters**, providing real-time analysis and reporting on military operations, ethics, and criminal matters. Led requirements development for a Department of Defense–wide military justice database, enhancing integration between legal and investigative workflows.
* **Streamlined legal operations**, reducing justice processing time by 35% and scheduling coordination by 75% through custom-built automation tools and secure information-sharing protocols.
* **Designed and implemented a deployment readiness pipeline**, preparing commands and troops for legal scenarios in active conflict zones; briefed senior leaders and adapted guidance to mission-specific threats.
* **Selected for commendation** by the Commander of CENTCOM, Commander of SOCOM, Deputy Commander of CENTCOM, and the Judge Advocate General for leadership during a large-scale strategic initiative involving the evacuation and relocation of U.S. and Allied forces alongside civilians.
* **Recognized by the U.S. Air Force Chief of Staff** for spearheading innovation in legal training programs, resulting in updated curriculum across all Professional Military Education tiers.

**Data Source Development Team Senior Analyst**  May 2017 – May 2019

U.S. Air Force / National Security Agency

Served in two consecutive one-person-deep roles as a technical advisor and subject matter expert in data ingestion, structuring, and utilization. Delivered embedded support and training to analysts and intelligence professionals, enabling more effective use of evolving data sources within operational environments.

* **Managed ingestion and transformation of a multi-million-line dataset** for use across eight units; supported development of 12 custom analytical workflows that increased intelligence reporting output by over 200%.
* **Engineered automated cross-database linking methods**, improving correlation between networks, enabling secure dissemination protocols, and enhancing real-time situational awareness.
* **Briefed monthly at inter-agency coordination forums**, providing insights on current operations and strategic data applications; drove adoption of new datasets by showcasing analytical advantages and use-case alignment.

**Target Access Development Team Lead**  Aug 2013 – May 2017

U.S. Air Force / National Security Agency

Promoted to lead a 7-member team delivering innovative, data-driven intelligence solutions. Balanced leadership responsibilities—including planning, scheduling, and supervision—with hands-on subject matter expertise in data analysis, training, and integrated analytic development.

* **Transformed an underutilized team into the top-performing unit** in the organization during the command’s largest restructuring in history; implemented scalable processes and stakeholder-focused policies that supported division growth from 180 to 310 personnel.
* **Recognized as the organizational Subject Matter Expert** on investigations and data analysis tools; selected as a founding member of a new training initiative that certified 500+ personnel in advanced analytic techniques and mission-specific capabilities.
* **Regularly briefed executive leadership on analytical findings**, aligning ongoing efforts with evolving mission priorities; utilized data visualization to clearly communicate trends and insights.
* **Co-founded the organization’s flagship innovation program**, helping launch new tools, workflows, and cultural shifts that fostered a problem-solving mindset across multiple departments.

**Formal Education and Certifications**

**Florida Real Estate Agent License -** 2022

**B.S. Criminal Justice –** 2022

**A.S. Paralegal Studies –** 2021

**A.S. Criminal Justice –** 2021

**USAF Cyber Professional Development Program -** 2019

**Lean Six Sigma -** 2018

**A.S. Intelligence Studies and Technology –** 2016

**National Cryptologic School – MCCEP Completion – Adjunct Instructor -** 2014

**Awards**

**U.S. Air Force Vice Chief’s Challenge** – Innovation Winner

**Commanders Coins:** U.S. Central Command, U.S. Special Operations Command, DCDR U.S. Central Command

**Joint Service Commendation Award**

**2x Joint Service Achievement Award**

**Legal Office NCO of the Quarter**

**Group Innovator of the Quarter**

**Meritorious Service Medal –** Hurricane Rescue Operations

**National Security Agency/Central Security Service –** Adjunct Instructor of the Quarter

**Wing Airman of the Quarter**

**Group Volunteer of the Quarter**