JORDAN C. TATUM

Junior Data Engineer | TS/SCI CI Poly | Security+

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PROFESSIONAL SUMMARY

Self-taught Data Engineer with a non-traditional path into tech — built entirely through bootcamps, self-study, and late nights. Started at the ground level as an Imagery Analyst supporting what is now recognized as the largest AI military defense contract in the world, earned a Top Secret clearance, and progressively grew into Data Engineering through sheer drive and adaptability. Holds an active DoD TS/SCI CI Poly and Security+ certification. Not afraid to dive headfirst into things I don't know yet — that's kind of the whole story.

CLEARANCE & CREDENTIALS

Active DoD Top Secret / SCI with CI Polygraph | **CompTIA Security+**

TECHNICAL SKILLS

Languages & Tools: Python · PySpark · SQL · Palantir Foundry · Linux/RHEL · Git/GitHub · HTML/CSS · FastAPI · PostgreSQL

Core Skills: Data Engineering · ETL Pipelines · Data Analytics · Dashboard Development · Team Leadership · Project Management

EXPERIENCE

Junior Data Engineer | Feb 2025 – Present

ECS Federal · Fairfax County, VA · Hybrid

- Design and develop data pipelines using Python, PySpark, and SQL within the Palantir Foundry platform.
- Build and maintain ETL workflows supporting analytics and data products for the Apollo program.
- Collaborate with cross-functional teams in a classified environment to deliver data-driven solutions.

Skills: Data Engineering · ETL · PySpark · Palantir Foundry · Python · SQL · TS/SCI

Data Operations Manager | Jul 2024 – Feb 2025

ECS Federal

- Led data operations for a high-performing team supporting one of the largest AI defense programs in the DoD.
- Managed day-to-day operations, priorities, and deliverables across a team of data professionals.
- Drove process improvements and ensured data quality standards were met across all program outputs.

Skills: Team Leadership · Data Operations · Palantir Foundry · Project Management · TS/SCI

Technical Project Analyst | Nov 2022 – Jul 2024

ECS Federal · Fairfax County, VA · Hybrid

- Supported Technical Project Manager in managing and assigning tasks to a team of 10+ data scientists developing automated data pipelines, analytics, and products for the Apollo program.
- Planned, prepared, and led weekly team meetings to discuss and strategize objectives.
- Conducted analyses on large datasets using SQL, PySpark, and Palantir Foundry to generate reports and answers to government requests.
- Created high-quality interactive dashboards allowing users to filter and interact with large datasets.
- Developed presentations for senior management on continuing tasks and completed products.
- Generated documentation providing status reports and future action plans to meet program goals.

Skills: SQL · PySpark · Palantir Foundry · Dashboard Development · Team Leadership · TS/SCI

Classified Imagery Analyst Supervisor | May 2019 – Nov 2022

ECS Federal · Springfield, VA · National Geospatial-Intelligence Agency (SCIF)

- Managed and led a group of 20–30 imagery analysts to meet goals of quantity and quality.
- Developed training material for new hires to support the onboarding process.
- Supported the Apollo program by labeling imagery for a computer vision initiative providing situational awareness across Full Motion Video and Overhead Aerial Imagery.
- Produced labeled outputs used to develop training, testing, and evaluation datasets for computer vision algorithms.
- Identified challenging data through extensive collaboration and teamwork.

Skills: Imagery Analysis · Team Leadership · Computer Vision · TS/SCI

Server | Mar 2016 – May 2019

Texas Roadhouse · Fredericksburg, VA

- Delivered exceptional customer experiences managing orders, payments, and guest engagement.
- Trained new servers and server assistants, demonstrating early leadership instincts.
- Maintained restaurant cleanliness and memorized a comprehensive menu and preparation procedures.

EDUCATION

Bachelor of Business Administration — Project Management | 2021 – 2023

Indiana University East

Associate's Degree — Business Administration & Management | 2016 – 2018

Germanna Community College

CERTIFICATIONS IN PROGRESS

CompTIA Linux+ · Databricks Data Engineer Associate · AWS Cloud Practitioner · Full-Stack Web Development Bootcamp

NOTABLE PROJECTS

Hard Copy — DVD & VHS collection tracker built with FastAPI, PostgreSQL, and Python. Serves movie data via REST API for access anywhere.

Shelf Check Out — Grocery price comparison tool using web scraping and store APIs to find the best deal on products across multiple stores.

Magnolia Way Wedding Venue — Full website revamp for a family wedding venue including online payments, booking requests, and an admin dashboard with payment visualizations.