

# Sidney (Sid) Lim

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## SUMMARY

Results-oriented Data Engineer and Project Lead with hands-on experience in developing, maintaining, and managing data-intensive applications. Proficient in building ETL/ELT pipelines using Python and SQL on AWS GovCloud hosted systems. Successfully led development of foundational & authoritative data products being used as a foundational source across DoD organizations.

## EXPERIENCE

### Data Product Lead

UNCOMN - Full Time

June 2025 – Present

Scott Air Force Base, IL

- Leading development for Data as a Product and Data as a Service; creating the official standard process for development on a Department wide scale.
- Created the Standard Operating Procedure Documentation for the Data as a Product Development Process
- Facilitate meetings between cross-functional teams to understand business transformations and end user requirements
- Facilitate Agile/Scrum Sprint Retrospective and Planning meetings to better plan future sprints
- Successfully implemented medallion architecture within existing and future data pipelines
- Implemented Data Governance VAULTIS Framework (Visible, Accessible, Understandable, Linked, Trusted, Interoperable, Secure) to all relevant data products

### Data Engineer

May 2024 – Present

Scott Air Force Base, IL

UNCOMN - Full Time

- Transformed complex data using SQL and Python into structured formats that directly supported business intelligence needs across the Joint Petroleum Enterprise (JPE)
- Designed and maintained scalable data pipelines in Databricks for analytics workflows, ensuring consistent data delivery to stakeholders using ETL/ELT principles
- Developed automated reporting workflows with Qlik Sense that streamlined sentiment analysis processing, increasing throughput by 40%
- Successfully delivered five Data as a Product (DaP) deliverables to key stakeholders beyond the JPE allowing external agencies/departments to adopt a standard for data
- Successfully implemented CI/CD workflows across all GBFMD data-related projects through GitLab Enterprise and Databricks integration.
- Created Databricks utility notebooks to streamline API specification YAMLs for the creation of secure API Endpoints
- Creation and maintenance of various Databricks DAG pipelines for best data governance practices ensuring VAULTIS principles
- Experience with AWS Bedrock, EC2, Lambda, Kubernetes, and Knowledge Bases for Cloud-based AI solutions

### Data Scientist Intern

Jan. 2024 – May 2024

O'Fallon, IL

UNCOMN - Internship

- Built and optimized SQL queries for data extraction and transformation across various database platforms
- Developed data visualization dashboards for improved stakeholder communication and data-driven decision making
- Documented data sources and metrics definitions to establish consistent analysis methodologies for future Salesforce CRM integration
- Performed trend analysis on marketing metrics to identify key insights that supported growth opportunities for business development

## EDUCATION

### Southern Illinois University Edwardsville

May, 2024

Bachelor of Science: Computer Management and Information Systems

Edwardsville, IL

- 3.5/4.0 Cumulative GPA
- Fall 2020, Fall 2021, Spring 2022, Fall 2023, Spring 2024 Dean's List
- Johnetta-Haley Scholarship Recipient