

Amir Mirkazemi

Las Vegas, NV | amirkazemi@ucsd.edu

linkedin.com/in/amir-mirkazemi

github.com/Amir-Mirkazemi

EDUCATION

University of California, San Diego

Master of Science, Data Science | GPA: 4.0

Expected Apr 2027

Awards: Halicioğlu Data Science Scholarship

Arizona State University, Polytechnic

Bachelor of Science, Information Technology | GPA: 4.0

Aug 2025

Involvement: IEEE Member; Campus Ambassador supporting student outreach; Calculus I, II Tutor.

Awards: New American Scholarship for Academic Excellence; Dean's List (Six Semesters)

Certifications: [AWS Academy – Cloud Foundations](#); [SQL for Data Analysts and Data Scientists](#); [Tableau for Data Science](#)

SKILLS

Programming & Query Languages: Python (Pandas, NumPy), SQL, JavaScript, Go

Data Engineering: Snowflake, Apache Airflow, SSIS, ETL/ELT, data validation, pipeline orchestration

Databases: Oracle, SQL Server, PostgreSQL, MySQL

Tools & Analytics: GitLab, DBeaver, AWS, Power BI, Tableau, Excel

WORK EXPERIENCE

Credit One Bank – SQL, Snowflake, Python, Airflow, Oracle, DBeaver

Las Vegas, NV

Data Engineer

July 2025 — Present

- Designed, built, and maintained 20+ **Snowflake ingestion pipelines** using **Python-based Airflow DAGs** and **metadata-driven** configurations, reducing manual validation effort by ~40% and improving pipeline deployment consistency.
- Automated end-to-end data movement from **Oracle** and **SSIS**-based legacy systems into **Snowflake** by configuring file patterns, schema rules, validation checks, schedules, and target mappings for enterprise data feeds.
- Improved data reliability for business reporting by validating row counts, column mappings, data types, and completeness through **SQL checks**, audit tables, and **pipeline logs** before releasing datasets to downstream users.

Freeport-McMoRan – Active Directory, ServiceNow, hardware imaging, troubleshooting.

Phoenix, AZ

End User Analyst Intern

May 2025 – July 2025

- Supported enterprise **IT operations** by managing and resolving user requests through **ServiceNow**, ensuring timely resolution of **hardware and software issues**.
- Administered **user access** and account-related tasks using **Active Directory**, assisting with onboarding, access changes, and issue resolution.
- Assisted with **imaging** and deployment of laptops for new and refreshed devices, following standardized procedures to ensure consistent **system configurations**.

Advertising Checking Bureau – SQL, Excel

Tempe, AZ

Data Analyst

Sep 2023 – May 2025

- Analyzed and validated claims data using **SQL** to identify discrepancies and improve **data accuracy** and reliability across operational datasets.
- Built **Excel-based reports** and **automated workflows** to support business reporting and decision-making, reducing manual effort and improving process efficiency.

PROJECTS

IT Systems Development Project – SQL, Database Design, Lucidchart

November 2024

- Designed a scalable **relational database** schema using **Lucidchart** to support structured data storage and efficient retrieval.
- Wrote and optimized **SQL queries** to enable reliable access to structured data for **analysis** and reporting.

Stock Trading Web Application – MySQL, Flask, Python, AWS

[\[GitHub\]](#) — Dec 2024

- Built a stock trading web application using **Python** and **Flask**, implementing user and admin roles, trade execution logic, and portfolio tracking with **HTML**-based templates for the user interface.
- Designed and integrated a **MySQL** database using **SQLAlchemy** to persist user data and transactions, with environment-based configuration supporting local development and **AWS** deployment.