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Cheng An Wang

OBJECTIVE

M.S. Data Science student at Illinois Institute of Technology with strong skills in SQL, Python, Tableau, and AWS. Passionate about turning data into insights and collaborating across teams. Actively seeking a Data Analyst or Data Scientist internship (Summer 2026).

EDUCATION

Illinois Institute of Technology — Master of Science, Data Science, 2025	Expected 2027
(Dual Degree) Metropolitan State University B.S. Business Administration, 2022	GPA 3.5 / 4.0
Tamkang University B.S. in Information Technology, 2022	GPA 3.5 / 4.0

TECHNICAL SKILLS

Languages: R, Python, SQL, Java

Data: AWS Redshift, AWS Glue for ETL, Pandas, NumPy, scikit-learn, PyTorch, Airflow, Airbtye

DevOps: AWS (EC2, S3, Glue), Docker, Kubernetes, Git, Linux

BI & Analytics: Tableau, Power BI, Excel

EXPERIENCE

BTSE Exchange, Data Analyst (Feb 2025 – July 2025), Taipei

- Automated cost reporting pipelines by integrating six APIs with AWS Glue and reconciling with Redshift, creating an audit-ready source of truth that saved analysts 10 hrs/week.
- Facilitated cross-team workshops with Payments & Biz Ops to design Google Sheets/Tableau dashboards, achieving 80% adoption and eliminating 14 hrs/week of repetitive analysis.
- Developed a fraud-scoring prototype in Python using classification models to detect risky users and benchmark vendor tools, enabling ROI-driven vendor decisions.
- Analyzed millions of transaction logs to detect bonus abuse and high-value traders, redirecting incentives to genuine users and cutting promo spend 25% without losing engagement.

TAITRA, Data Engineer (Sep 2024 – Feb 2025), Taipei

- Saved 20 + hrs/month by engineering a nightly ETL jobs that consolidates industry-specific feeds for each trade association, cleans/merges them, and delivers refreshed tables to Teradata for analytics and reporting.
- Enabled true self-service analytics: Designed and deployed a curated Power BI data mart that exposes 5 core fact / dimension tables to business users. Result: analysts no longer file ad-hoc data-pull tickets, saving the data team ~10 hours every week and letting stakeholders answer most questions in minutes.

AXV LLC, Data Engineer (Aug 2023 – Aug 2024), remote

- Implemented containerized observability stacks with Docker/Kubernetes, deploying Splunk forwarders, indexing logs/metrics, and building real-time dashboards with alerts that cut issue resolution times and boosted system uptime.
- Secured Splunk Power User certification and achieved partner status for AXV, directly helping win two enterprise clients.
- Benchmarked Splunk Observability Cloud for microservice monitoring and translated findings into actionable recommendations for enterprise customers.