

Quang Minh (Mark) Le

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PROFESSIONAL SUMMARY

Data & Software Engineer with 3+ years' experience designing scalable AI-driven solutions, Python pipelines, and cloud architectures (AWS/Azure/GCP). Proficient in PyTorch/TensorFlow, LLM, graph modeling, and time series forecasting, delivering 99%+ data accuracy and 25% faster decision-making. Strong collaborator skilled at translating complex business challenges into production-ready solutions.

WORK EXPERIENCES

Data Management & Software Specialist, WorkAbility IV | Long Beach, CA

Feb 2025 – Present

- Key Achievement:** Delivered a full-stack data migration solution, consolidating 20K+ records into a centralized SQL database, streamlining counselor workflows, and boosting operational productivity by 50%.

 - ❖ Delivered an end-to-end migration of 20K+ legacy MS Access records to an on-prem Microsoft SQL Server; designed the ERD and centralized schema, eliminating redundancy and boosting counselor productivity by ~50%.
 - ❖ Built a full-stack case-management platform with Django Framework, enabling counselors to capture case notes and streamline daily workflows. Deployed the Django application on an on-premises Windows Server using IIS.
 - ❖ Managed the Career Development Center SQL database of 20,000 student records, maintaining 99% data accuracy.

Data Analyst, GeoComply Solution Inc. | Vancouver, BC

Feb 2023 – Aug 2024

- Key Achievement:** Engineered adaptive API throttle control alerts and automated monitoring pipelines that cut incident response times by 40% and maintained 99.8% system uptime.

 - ❖ Developed Requests per Second (RPS) and weekly API request capture metrics using Python and Airflow to create throttle control alerts triggered by usage exceeding 1 million requests per hour. This reduces human error in system checks and accelerates daily operations by 15%.
 - ❖ Developed Python-based data pipelines integrating Kibana and Elasticsearch with GeoComply Core Solution internal databases to enrich 3 million data points, boosting GeoGuard database performance by 40%
 - ❖ Conducted in-depth investigations and created large-scale ad-hoc reports using 100M+ data records on Databricks on system fraud detection per request for upper management and customer inquiries.
 - ❖ Performed testing and data quality assurance to ensure data integrity during daily operations to achieve near 0% downtime.

Data Analyst, LiteFinance | Vancouver, BC

Sep 2021 – Dec 2022

- Key Achievement:** Launched interactive Power BI dashboards drove a 25% uplift in decision-making efficiency.

 - ❖ Developed interactive Business Intelligence dashboards with Power BI to enhance market research for company concept testing in the North American market, resulting in 25% increase in actionable insights and improved decision-making efficiency.
 - ❖ Cleaned raw data coming from a third party partner and analyzed the 500,000 data points using Python.
 - ❖ Conducted Statistical Analysis and ad hoc report using Python and Power BI with DAX and assisted the System Analyst team in data modeling and building Entity Relation Diagram and UML.

EDUCATION & AWARD

- ❖ **Master of Science in Information System (Data Science)** - Cal State University Long Beach
 - ❖ **Bachelor of Arts in Economics** - University of British Columbia
 - ❖ **3rd place** - Think-a-thon Case Competition (45 teams)
 - ❖ **AWS Certified Cloud Practitioner** - Amazon Web Services
 - ❖ **3rd place** - Alteryx South California Datathon 2024 (100 participants)

Expected: **May 2026**

Aug 2017 - May 2021

Aug 2025

June 2025

Oct 2024

TECHNICAL SKILLS

- ❖ **Languages & Libraries:** Python (Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch), SQL, C++, JavaScript, R
 - ❖ **Big Data & Cloud:** Spark, Hadoop, Kafka, AWS (S3, SageMaker, Kinesis), GCP (BigQuery, Vertex AI), Azure, Snowflake
 - ❖ **MLOps & SWE:** Git, Docker, Kubernetes, Jenkins, MLflow, Kubeflow, Hyperopt, FastAPI
 - ❖ **Analytics & BI:** Tableau, Power BI, Looker, QuickSight, Excel