LIANGLIANG MA

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SUMMARY

I am a versatile and self-disciplined Data & BI professional with a strong foundation in financial data analysis and a seamless transition into data analytics, business intelligence, and data engineering. With hands-on experience in SQL, Python, data visualization, and cloud-based data solutions, I am eager to contribute to dynamic and technically focused roles. I am actively seeking technical opportunities at multiple levels, including roles such as Data/BI Analyst, Data Engineer, or Developer. Additionally, I am open to broader ICT and digital-related positions where I can apply my analytical and problem-solving skills to drive data-driven insights and solutions.

WORK EXPERIENCE

R&D Intern   04/2025-Present
ERICSSON   Stockholm, SE
- Undergoing onboarding with focus on understanding team workflows and associated tools.
- Gaining experience with Scala as the primary programming language used in the project.
- Developing understanding of software delivery performance, DevOps observability, and production system efficiency**.**

Teaching Assistant   04/2025-Present
DSV, Stockholm University   Stockholm, SE
- Conduct supervision sessions for course Systems Theory, Organizations and IT, focusing on viable system model.

BI Analyst/Looker Developer   11/2022-01/2023
KINDRED. | Publicis Groupe   Prague, CZ
- Responsible for the implementation and development of analytic stack (GCP, BigQuery, Looker) for E-commerce data, resulting in improved data accessibility and data visualization front-end setup.
- Optimized data pipelines, ensuring seamless data ingestion and transformation.
- Designed ETL workflows, automating commercial reporting processes and reducing manual workload.
- Collaborated closely with data engineering colleagues to ensure back-end solutions on Looker were optimized for data visualization. Performed back-end setup while needed.

Data Analyst   10/2021-10/2022
PriceFX   Prague, CZ
- Led internal data analytics and visualization efforts, utilizing SQL and Python for data analysis and Tableau for data visualization with a design thinking approach.
- Contributed to ideating the data team structure, and promoting data visualization standards using the company's design system.
- Successfully developed and delivered quarterly Tableau releases for various departments and stakeholders.
- Collaborated closely with data engineers and stakeholders to ensure data quality and timely delivery of releases. Developed SQL-based ETL pipelines and transformed raw data for BI reporting in collaboration with data engineers.
- Gained hands-on experience with dbt, data modeling, and ETL development.

Client Financial Management Analyst   01/2019-09/2021
ACCENTURE   Prague, CZ
- Analyzed financial data from Nordic consulting and outsourcing projects using SAP and Excel. Created weekly and monthly financial reports.
- Conducted frequent calls with client teams for timely updates and explanations. Made continuous progress in interpreting the data to 'insiders' and 'outsiders'.
- Forecasted project financials. Conducted internal control to ensure data accuracy and policy compliance.
- Participated in innovation activities. Initiated and helped analyze and optimize financial data pipelines.

EDUCATION

Master's Degree in Strategic Information Systems Management   08/2023-Present
STOCKHOLM UNIVERSITY   Stockholm, SE
- Key Courses: Supplementary Course in Computer and Systems Sciences (Databases, Programming, Information Security) | Data Warehousing | System Integration | Business Process Design & Intelligence

Departmental Exchange in Information Technology   09/2024-01/2025
TAMKANG UNIVERSITY   New Taipei City, TW
- Key Courses: Digital Image Processing | Big Data Analytics | TRIZ Application | Python Application

Swedish   05/2024-08/2024
FOLK UNIVERSITY   Stockholm, SE
- Swedish A2 – B2-

Data Engineering Bootcamp   02/2024-08/2024
LE WAGON   Online
- Key Knowledge/Tools: Github, CI/CD | Data Lakes, GCS | PostgreSQL | Data Warehousing, BigQuery | Backend and Database, FastAPI, Cloud SQL | Docker | ETL, ELT, dbt | Pipeline Orchestration, Airflow | Metabase, Streamlit | Kubernetes | PySpark | Steaming, RabbitMQ | Neo4J, Dgraph | ScyllaDB, MongoDB
- Project: A platform for helping freelancers understand job market trend. Aquired raw data from Kaggle and APIs and stored to GCS; loaded raw data from GCS to BigQuery using Airbyte; transformed raw data using dbt and loaded back to BigQuery; process and analyzed transformed data using BigQuery and other GCP services; visualized data using Observable.

Master's Degree in International Economics and Political Studies   10/2016-09/2018
CHARLES UNIVERSITY   Prague, CZ

COURSES/SELF-LEARNING

IBM Cybersecurity Analyst Professional Certificate Course (IBM | Coursera)   11/2022

The Complete Python Pro Bootcamp Certificate Course (Udemy)   03/2022

Google UX Design Professional Certificate Course (Google | Coursera)   11/2021

Complete Web Development Bootcamp Certificate Course (Udemy)   11/2021

IT/COMPUTER SKILLS

Data & BI: SQL, Python, Scala, Tableau, PowerBI, Google Analytics, Google BigQuery, Looker, Excel, ETL/ELT, dbt

Programming & Development: HTML5, CSS, JavaScript

UX Design & Research: UX Researh, Wireframing, Prototyping, Figma, AdobeXD

Platforms: Salesforce, Keboola, GCP

Concept, Process & Framework: Design Thinking, Agile, Problem Solving, Critical Thinking, A/B Testing, Machine Learning

LANGUAGE SKILLS

English (Fluent) | **Mandarin Chinese** (Native Speaker) | **Swedish** (Level B2-, learning in progress)

OTHER INFORMATION

Licenses:
Automobile Driving license (Swedish B-type)

Hobbies & Interests:
Crocheting, knitting, sewing – creating handicrafts |Digging out music trivia, translating music autobiographies and writing relevant blogs |Foraging | Life-long learning in various fields