


Mai TIEU Khoi

1998 | tieukhoimai@gmail.com | <https://tieukhoimai.me> | </in/tieukhoimai> | <https://github.com/tieukhoimai>

Experience

Apr 2022 - Sep 2023, Vietnam

Analytics Project Manager & Data Analyst / [Fossil Group Inc](#)

- Promoted and held a dual role as Analytics Project Manager and Data Analyst in the 2nd year
- Led and coordinated cross-functional teams to establish an **A/B testing** workflow, framework, wireframes, and testing mechanisms on IoT device and application platforms.
- **Planned sprint resources (2 Data Analysts), timelines, and schedules** for the analytics section in each internal program release.
- Implemented metrics frameworks and dynamic dashboard to track KPIs and gain valuable insights into user behavior, device performance monitoring, user segmentation, and wellness data from wearable devices using **Tableau** and **Looker Studio**
- Managed **data pipelines, ETL processes**, and ensured data accuracy on **Redshift** and **BigQuery**.
- Designed and Developed an internal **Tracking Event Management system**, including Data Quality Monitoring and Self-service Analytics, which automates the generation of daily SQL queries on BigQuery and implements result alerts for quality assurance using **Google Apps Script** and **BigQuery**.
- Managed and published quarterly newsletters on internal Fossil Insights - a self-hosted website using NextJS and Ghost by Data Team and co-organized **Fossil-re Invent sharing session**  series to raise data-driven awareness throughout the organization.

Aug 2021 - Feb 2022, Vietnam

Data Analyst / [Amanotes](#)

- Integrated **ETL data pipeline** (including working with APIs, setting up data pipeline on **BigQuery**...) and ensured data integrity by implementing automated data tests by **dbt** and **Airflow**.
- Developed dashboards in **Looker Studio** and **Metabase**.
- Analyzed user behaviors, app events, aha-moment identification and song performances in the music game with the application of **user segmentation, correlation** and **cohort analysis techniques**.
- Designed & analyzed hypothesis tests (**A/B**) using statistical methods (t-test, chi-squared test, regression...) for product experiments and carried out ad-hoc requests from business

Mar 2020 - Aug 2021, Vietnam

Software Engineer, Data / [Bosch Global Software Technologies](#)

- Worked closely with Bosch Automotive Products Suzhou in automated driving domains.
- Analyzed data in the software development process and automotive radar data.
- Configured and maintained a data analytics tool pipeline on **Jenkins**.
- Implemented an automated database, data pipeline, and dashboard on **PowerBI**.

Education

Aug 2024 - Present, Norway

Erasmus+ program / [University of Oslo](#)

Oct 2023 - Present, Italy

Master of Science in Data Science / [University of Verona](#)

- Cumulative GPA: 103.19/110

Oct 2017 - Mar 2022, Vietnam

Bachelor of Science in Mathematics / [University of Science - Vietnam National University](#)

- GPA: 8.02/10.0 | Thesis: Stock-Price Forecasting using STL method based on LSTM - Grade: 9.5/10

Oct 2016 - Dec 2020, Vietnam

Bachelor in Business Administration / [Ho Chi Minh City Open University](#)

- GPA: 3.40/4.0 | Top 4 students with the highest scores

Referred Journal

- Vuong, P. H., Dat, T. T., **Mai, T. K.**, Uyen, P. H., Bao, P. T. (2022). Stock-Price Forecasting Based on XGBoost and LSTM. Computer Systems Science and Engineering, 40(1), 237-24 [↗](#)
- **Tieu, K. M.**, Pham, H. V., Vu, N. T., & Nguyen, P. T. H. (2022). STL Decomposition-Based Stock Price Forecasting Using LSTM Model. Journal of Data Science and Artificial Intelligence, 1(1).

Awards

May 2022	Mathematical Contest in Modeling (MCM) ↗ Organizer: The Consortium for Mathematics and Its Applications
2019 - 2021	Top Student at National level 2019-2020 and 2020-2021 Organizer: Vietnam National Union of Students One of the top 200 Vietnamese students received commendations from the Ministry of Education and Training, the People's Committee of Ho Chi Minh City, and the Vietnam National Union of Students in 2019-2020 and 2020-2021.
Nov 2021	Second Runner-up in Greenovator Hackathon 2021 ↗ Organizer: Bosch Vietnam
Dec 2019	Third Prize in Business Intelligence Season 4, 2019 Organizer: Shopee Vietnam

Certifications

Dec 2022	Architecting on AWS Issuing organization: AWS Training & Certification
Aug 2021	Data Engineering, Big Data, and Machine Learning on Google Cloud Platform ↗ Issuing organization: Coursera / Google Cloud
Aug 2021	Google Data Analytics Professional Certificate ↗ Issuing organization: Coursera / Google

Skills

Programming: Python, Google Apps Script, VBA, NextJS

Data Visualization: Tableau, Microsoft Power BI, Redash, Metabase

Cloud and Databases: AWS (S3, Redshift, Athena), GCP (Firebase, BigQuery, Data Studio, GA4)

Language: English (B2-IELTS 6.0), Vietnamese (Native)