Mai TIEU Khoi

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Experience

Apr 2022 - Sep 2023, Vietnam
Fossil Group Inc ↗ **/** *Analytics Project Manager & Data Analyst*

- 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.
- Aligned and planned sprint resources (2 Data Analysts), timelines, and schedules for the analytics section in each internal program release.
- Communicated project plans, commitments, and changes to stakeholders.
- Implemented metrics frameworks to track KPIs and gain valuable insights into user behavior, device performance monitoring, user segmentation, and wellness data from wearable devices.
- Built tools for Data Quality Monitoring and Self-service Analytics, automating the generation of daily SQL queries on BigQuery, and implementing result alerts for quality assurance.
- 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
Amanotes ↗ **/** *AI Engineer & Data Analyst*

- Worked for **Pianify: Piano Lessons** ↗ - the AI-based Piano Tutor.
- Implemented and analyzed spectrograms of musical notes of another instrument.
- Train and improve TensorFlow Lite model for optimized AI performance on mobile devices.
- Performed statistical and analytical analyses, including correlation between app events, A/B testing, cohort analysis, and aha-moment identification in the music game.
- Developed, optimized, and maintained data pipelines using BigQuery, Airflow, and dbt.

Mar 2020 – Aug 2021, Vietnam
Bosch Global Software Technologies ↗ **/** *Software Engineer, Data*

- 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 tools pipeline on Jenkins.
- Implemented an automated database, data pipeline, and dashboard on PowerBI.

Education

Aug 2024 – Jan 2025, Norway
University of Oslo / *Erasmus programme, Faculty of Mathematics and Natural Sciences*

Oct 2023 – Present, Italy
University of Verona / *Master of Science in Data Science*

Oct 2017 – Mar 2022, Vietnam
University of Science - VNUHCM / *Bachelor of Science in Mathematics and Computer Science*

Oct 2016 – Dec 2020, Vietnam
Ho Chi Minh City Open University / *Bachelor in Business Administration*

Skills

Programming: Python, Google Apps Script, VBA, NextJS, Airflow, dbt
Data Visualization: Tableau, Microsoft Power BI, Redash, Metabase
Cloud and Databases: AWS (S3, Redshift, Athena), GCP (Firebase, BigQuery, Data Studio, GA4), MongoDB