TRIET LE

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SKILLS

- **Programming**: Python, Scala, JavaScript, SQL, Bash, HTML/CSS
- **Data & Analytics**: BigQuery, DuckDB, Postgres, dbt, Pandas, Prefect, Airflow, Spark
- **Cloud & DevOps**: GCP, Azure, Databricks, GitHub Action, CircleCI, Docker, Ansible, Vagrant, Terraform
- **General Skills**: ETL, Data Warehouse, Business Intelligence, Data Modeling, RDBMS, Machine Learning, Functional Programming

EXPERIENCES

Grab   **Ho Chi Minh, Vietnam**
Data Engineer (Incoming)   *Nov 2024 - Present*

- Contributing to Grab Payment Core's Data Platform

Leading Wealth Management Firm (Name Withheld)   **Kansas, US (Remote)**
Data Engineer (Part-time)   *Jun 2024 - Nov 2024*

- Modernized and migrated a legacy wealth management data platform from **AWS** to **Azure Databricks**, improving scalability and reducing operational overhead.
- Designed and implemented ETL pipelines copying operational data from **Redshift** and **S3** to **Azure Data Lake** using **Azure Data Factory**.
- Applied the Medallion architecture for data processing with **Spark** on **Databricks**
- Developed APIs with **.NET** to expose system data from the Silver layer for seamless integration with downstream applications
- Built a data testing framework with **Great Expectations**, establishing the foundation to ensure data quality

Holistics   **Ho Chi Minh, Vietnam**
Data Engineer   *Aug 2022 - Nov 2024*

- Managed the full data processing lifecycle, from ingestion to serving layer.
- Served as the primary contact for communicating with business and technical stakeholders, aligning on requirements to deliver effective data solutions.
- Revamped the **BigQuery Data Warehouse** architecture using variety of data modeling and data governance techniques, enabling advanced business analytics and data management.
- Prepared BI self-service datasets with **dbt** and **Holistics**, assisting stakeholders in building analytics dashboards for business insights
- Orchestrated **100+ ETL pipelines** with **Prefect**, integrating **20+ data sources** into a central Data Warehouse.
- Developed a **Data Catalog** with **dbdocs**, increasing SQL user activity by **40%**.
- Designed a data usage monitoring system, reducing redundant **BigQuery** usage by **70%**.
- Built a **data observability system** in **Grafana**, decreasing pipeline failure rates by **60%**.
- Automated CI/CD for data projects with **GitHub Actions** and **Ansible**, reducing deployment errors.
- Set up **Snowplow** to track product analytics, enabling data-driven decisions and faster product iterations.

Technical Writer   *Aug 2023 - Jan 2024*

- Managed a team of **3** technical writers and data analysts, publishing **20+** analytics best practice articles and tutorials. These articles enhanced customers understand on the **Holistics** capabilities which increases product adoptions.
- Researched and documented BI use cases to enhance user understanding and adoption of analytics solutions.
- Contributed to **Holistics**' public documentation using **Docusaurus**.
- Maintained CI/CD pipelines in **CircleCI** and **Ansible**, improving the quality and consistency of documentation.

Troy University   **Troy, Alabama, US**

Computer Science Tutor and Lab Assistant (Part-time)   *Jul 2021 - May 2022*

- Tutored college students in Python, C++, Java with more than 200+ hours of coding lessons
- Assisted instructor in the daily assessment of student progress and inspected student assignment

Kids Code Camp   **Ha Noi, Vietnam (Remote)**

Python Instructor (Part-time)   *Jul 2021 - Sep 2021*

- Taught introductory Python for a group of ~150 international secondary/high-school students
- Helped students develop programmatical thinking and inspired the new generation to purchase a career in tech

EDUCATION

Troy University, Troy, AL   **Graduation Date: May 2022**

B.S Computer Science, Minor in Mathematics   *GPA: 3.5/4.0*

ACTIVITIES

- *Volunteer* at Passage to ASEAN (P2A) Association: Universiti Teknologi Malaysia, Kuala Lumpur, Malaysia (2017)
- *Volunteer* at Learning Express (LeX) Program: Singapore Polytechnic x Duy Tan University, Da Nang, Vietnam (2019)
- *Participant* at Sustainable Development Forum: Feng Chia University, Taichung, Taiwan (2019)
- *Member* of Computer Science club, Data & Information System club, Tennis club: Troy University, Alabama, U.S (2019 - 2022)
- *President* of Vietnamese Student Association: Troy University, Alabama, U.S (2021 - 2022)

CERTIFICATES

- Data Engineer with Python (DataCamp)
- DataTalks Data Engineer Zoomcamp
- Big Data with Spark and Hadoop (IBM)
- Python for Data Science and Machine Learning Bootcamp (Udemy)
- SQL Advanced (HackerRank)