

# HIEU MINH NGUYEN

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Ambitious and enthusiastic Data Engineer with 2 years of experience in developing data pipelines and working with cloud technologies. I am passionate about building data products, solving technical and business problems, and utilizing both open-source and proprietary technologies to deliver the best solutions.

## EXPERIENCE

### Fossil Group, Inc

*Data Engineer*

Ho Chi Minh, Vietnam

Nov 2021 - Jul 2023

Engineering:

- Engaged directly in Data Platform to do ETL, data validation and monitoring.
- Developed an ingestion API in Rust for mobile apps and watch apps to send data to Kafka. Some Rust crates used: actix-web, kafka-rust.
- A core member to rebuild Python-based Data Platform in Rust. Performance was improved by 10x in production. Some Rust crates used: arrow2, polars, duckdb-rs, tokio, tower, pyo3.
- Technologies: Kafka, S3, Redshift, BigQuery, Airflow, Spark, Great Expectations, Grafana

Analytics:

- Worked closely with Product team to define app tracking events and build dashboards.
- Technologies: Data Studio, BigQuery, Redshift, Athena.

### Fossil Group, Inc

*Data Engineer Intern*

Ho Chi Minh, Vietnam

Feb 2020 - Aug 2020

Designed data warehouse, implemented data transformation and built analytics dashboards.

Technologies: Firebase, BigQuery, Redash, Athena, MongoDB, Google Data Studio

### Agilsun Co., LTD

*Web Developer Intern*

Ho Chi Minh, Vietnam

Jun 2018 - Aug 2018

## EDUCATION

### HCMVNU- University of Information Technology

*Bachelor of Engineering, Information system*

Ho Chi Minh, Vietnam

2016 - 2021

GPA: 9.1/10

Thesis: Constructing knowledge graphs with triple extraction techniques

### Ben Tre High School for the gifted

*High School Diploma, Mathematics*

Ben Tre, Vietnam

2013 - 2016

GPA: 8.9/10

## SKILLS

**Data Engineering:** Python, Rust, SQL, Airflow, Kafka, Spark, AWS (S3, SQS, Athena, Redshift).

**DevOps:** CI/CD, Docker, Kubernetes.