

LUONG THANH TUAN

DATA ANALYST INTERN

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EDUCATION

Saigon University — Ho Chi Minh City, Vietnam

Sep 2022 – Jun 2027 (Expected)

Bachelor of Engineering (Information Technology), Major: Information Systems; GPA: [3.0/4.0]

SKILLS SUMMARY

- **Languages:** Python, SQL, Docker
 - **Frameworks:** Pandas, Numpy, Scikit-learn, Matplotlib
 - **Tools:** Power BI, Excel, MySQL, MongoDB
 - **Platforms:** Jupyter Notebook, Visual Studio Code, PyCharm
 - **Soft Skills:** Data storytelling & communication, Problem-solving & critical thinking, Time management & prioritization, Attention to detail & data quality
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PROJECTS

Vietcombank Donation Trend Analysis (from bank statements) **September 2024 - October 2024**

Academic — Python - [LINK](#)

- Cleaned & standardized 1,380,495 transactions with Power Query/Excel (de-duplication, memo normalization).
- Built a Power BI dashboard tracking ~721B VND total, 1,380,495 transactions, avg ~522K VND/txn, with daily.
- Improved reporting transparency & reconciliation: standardized transaction IDs, consolidated daily/source totals, enabling day-by-day trend monitoring.

Commercial Bank Loan Default Risk Analysis — Python
(scikit-learn)

August 2025 - September 2025

Personal project - [LINK](#)

- Dataset: 255,347 rows; 18 columns (demographics, income, credit score, ...).
 - Engineered credit features: DTI, IncomeAge, Income, CreditScore...; train/test split.
 - Built a correlation heatmap and hypotheses on default drivers; validated via EDA.
 - Trained a DecisionTreeClassifier for default prediction; cross-validated (emphasizing recall on the default class) and extracted interpretable rules.
 - Insights & actions: proposed DTI/CreditScore thresholds, segment-based approvals; set up batch-level monitoring (threshold checks, feature drift screening, and segment performance comparisons).
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CERTIFICATES

Google Data Analytics (Google) | [CERTIFICATES](#)

June 2025

- 8-course program: problem framing & KPIs, data ethics, data prep & cleaning, exploratory analysis, visualization, R programming (tidyverse).

Introduction to Python | [CERTIFICATES](#)

August 2025

- Variables & data types, lists, functions & packages, NumPy arrays (broadcasting, vectorization); self-study add-on: basic matplotlib (line/bar/histograms; plotting from NumPy arrays).