**LE TUAN NGHIA**

Data Engineer - Intern

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**OBJECTIVE**

My goal is to contribute meaningfully to the growth and success of the company where I work, leveraging my skills and expertise to drive positive outcomes. At the same time, I am committed to continuously enhancing my knowledge and experience in data-related fields, with the aspiration of advancing my career and becoming a Data Engineer.

**EDUCATION**

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| **Ho Chi Minh City University of Technology and Education** | *Sept 2020 ₋₋ 2024* |
| *Major: Data Engineer* | *GPA: 7.7/10.0* |

**WORK EXPERIENCE**

**Software Technology Center (STC HCMUTE)** *Aug 2023 ₋₋ Dec 2023*

*Data Engineer - Intern*

* Support team build Entity Relationship Diagram.
* Dbt transform data - write SQL, test data.
* Airflow ETL

**SKILL & proficiencie**

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| Programming Language | C, C++, C#, Python, R |
| Database | MSSQL, MySQL, Oracle |
| Framework\Tool | AWS EC2, S3, Dbt, Entity Framework, Power BI |
| Apache | Hadoop, Hive, Spark, Airflow |
| Foreign Language | Ability to read/ write/ listen in English |
| Version Control | Git (Github, Gitlab) |

**PROJECT**

**Parking lot management**

*Personal Project | Septr 2024 – Present*

* Description: Build a parking lot management system to help us easily manage vehicles entering and leaving the area.
* Role:
  + Learn and build a vehicle license plate recognition model.
  + Build database for the system Interface design with Qt Designer.
* Technologies: Qt Designer, VSC, Oracle, Tensorflow, …
* Github: <https://github.com/NghiaLeeTuan/ParkingManagement>

**Time Series Forcasting with Deep Learning model and Combined model**

*Teamwork (2 members) | July 2023 – July 2024*

* Description: Build deep learning models for time series forecasting and apply combined methods to improve model performance
* Role:
  + Data processing, data normalization, data visualization, ...
  + Build model, optimize model, find hyperparameter, ...
  + Train / Test model, Calculate accuracy, ...
* Technologies: VSC, Streamlit, Tensorflow, Sklearn, Keras, …
* Github: <https://github.com/NghiaLeeTuan/KLTN_TimeSeries>

**Storage with Amazon S3**

*Personal Project | Oct 2023 – Dec 2023*

* Description: CRUD Data and Storage with Amazon S3 and Amazon EC2 instances. Implement encryption and identity management using AWS KMS and IAM.
* Role:
  + Build a simple structure to add, edit, delete, and display data added to an S3 bucket.
  + At the same time, build a simple interface displayed to users using Javascript and CSS.
  + Encrypt data and decentralize management using AWS KMS and IAM.
* Technologies: VS Studio, AWS S3, AWS EC2, AWS IAM, C#, …
* Github: <https://github.com/NghiaLeeTuan/Cloud_S3>

**PRIZE**

* HACKATHON 2023 *Mar 2023*
* STUDENT WITH 5 MERITS *2021 ₋₋ 2022*

**CERTIFICATE**

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| [Fundamentals of Digital Image and Video Processing of Coursera](https://github.com/NghiaLeeTuan/Certificate/blob/main/Fundamentals%20of%20Digital%20Image%20and%20Video.pdf) | *Nov 2023* |
| [SQL (Advanced) Certificate of HackerRank](https://github.com/NghiaLeeTuan/Certificate/blob/main/sql_advanced_certificate.pdf) | *Aug 2024* |
| [Intermediate Machine Learning of Kaggle](https://github.com/NghiaLeeTuan/Certificate/blob/main/L%C3%AA%20Tu%E1%BA%A5n%20Ngh%C4%A9a%20-%20Intermediate%20Machine%20Learning.png) | *Sept 2024* |
| [Time Series of Kaggle](https://github.com/NghiaLeeTuan/Certificate/blob/main/L%C3%AA%20Tu%E1%BA%A5n%20Ngh%C4%A9a%20-%20Time%20Series.png) | *Sept 2024* |