NGUYEN NGOC ANH THY

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SUMMARY

Passionate about data science, I am actively pursuing a technical certificate with a concentration in data analytics and programming. Through coursework, I've honed skills crucial for this internship. I am confident in my ability to contribute valuable insights while preparing for my ultimate career goal of becoming a developer.

EDUCATION

Data Science
University of Science, Vietnam National University Ho Chi Minh City
10/2020 - present

CERTIFICATE

Google Cloud Skills Boost

Google Data Analytics

SKILLS

- Programming Languages: Python (most used), R, SQL (basic)
- Machine Learning: Supervised learning (decision trees, random forests, logistic regression), unsupervised learning (k-means clustering, principal component analysis).
- Data Analysis: Data exploration, statistical analysis (hypothesis testing, ANOVA, regression)
- Data Visualization: Matplotlib, Seaborn.

PERSONAL PROJECT

Course Project: Titanic Survival Prediction

12/2022 - Project of Python for Data Science

- Description: Identify factors that influence passenger survival in the Titanic disaster, develop a predictive model to forecast survival rates based on these factors, evaluate the performance of the predictive model.
- Programming language: Python on Jupyter Notebook.
- Machine learning algorithms: Logistic Regression, Naïve Bayes classification.

Course Project: Churn Risk Prediction

6/2023 - Project of Machine Learning

- Description: Churn prediction utilizes data analysis, machine learning, and predictive modeling to identify customers at risk of ceasing their patronage. It empowers businesses to proactively engage with these customers and implement strategies to retain them.
- Programming language: Python on Google Colab.
- Data analysis tools: Pandas, NumPy, Matplotlib, Seaborn.
- Machine learning algorithms: Logistic Regression, Decision Trees, Random Forests.

Course Project: Skin Cancer Detection

1/2024 - Project of Deep Learning

- Description: To build a CNN based model which can accurately detect melanoma. Melanoma is a type of cancer that can be deadly if not detected early. It accounts for 75% of skin cancer deaths. A solution which can evaluate images and alert the dermatologists about the presence of melanoma has the potential to reduce a lot of manual effort needed in diagnosis.
- Programming language: Python on Google Colab.
- CNN Architectures: AlexNet, VGG16 and ResNet50.