



TRAN THIEN TAN

Data Scientist

ABOUT ME



01-04-1994



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Tan Phu District, Ho Chi Minh City

SKILLS

Data visualization

Machine Learning

Deep learning, Big Data

Data Analysis

Data Structures,
algorithms

Statistical Analysis

Database Design

Web Development

Treatment and using
drugs

ENGLISH

TOEIC Certificate (8/2020)

- TOEIC Listening and Reading with score 785/990
- TOEIC Speaking 130/200
- TOEIC Writing 140/200

Objective

With a strong background in pharmacy and healthcare blended with profound knowledge in IT (data, AI,...), my burning passion is to incorporate medical knowledge and technology to create novel products that contribute to Vietnam economic growth. I am seeking a professional environment where I can improve myself, gain more experience and develop my career

Experience

• Investigation in the treatment of Intra-abdominal infections at Thong Nhat Hospital (2018-2020)

- Identify Research Objective and Design Research Model
- Collect Data and Transfer data from the patient's medical record into Excel files
- Preprocessing and data analysis
- Analysis of patients' microbiological model
- Analysis of doctors' surgical methods
- Analysis of antibiotics use for patients
- Analysis of factors affecting the patient's hospital stay
- Build models to predict the number of hospitalization days in patients with peritonitis
- **Tools:** Python - advanced, R - advanced, SQL, Visual Studio Code, Jupyter Notebook, Statistical Analysis

• Chest X-ray Abnormalities Detection

- Image Pre-processing and Data analysis
- Model training
- Model deployment
- **Tools:** Python - advanced, Yolov5, Streamlit, Visual Studio Code, Jupyter notebook



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TECHNICAL SKILLS

- Python - Advanced
- R - Advanced
- C# - Intermediate
- PHP - Intermediate
- SQL - Intermediate
- Flask - Intermediate
- Spark - Intermediate
- Tensorflow - Intermediate
- Scikit-learn - Intermediate

• System Recommendation for Hotel

- Web Crawling
- Preprocessing and data analysis
- Model training
- Build model Recommendation System: Content-based recommender system, clients,
- **Tools**: Python – advanced, HTML, Visual Studio Code, Jupyter notebook

Education

- **2012-2017** Bachelor of Pharmacy, Ho Chi Minh City University of Medicine and Pharmacy
- **2018-2020** Master of Pharmacy, Ho Chi Minh City University of Medicine and Pharmacy, specialized in pharmacology and clinical pharmacy
- **2019-Current** Senior student in Information Technology Department, Ho Chi Minh City University of Science

Certifications

University of Science

- Fundamental of Python Certificate Advanced Python Programming Certificate
- Python For Machine Learning, Data Science and Data Visualization Certificate
- Mathematics and Statistics for Data Science Certificate
- Data Pre-processing and Analysis Certificate - Machine learning with Python Certificate
- Deep learning with Python Certificate
- Big Data in Machine Learning Certificate
- R Programming Language for Data Science

Coursera

- Deep learning Specialization by Andrew Ng
- Machine learning Course by Andrew Ng
- AI For Medicine Specialization