VIET THANH, LE

MACHINE LEARNING ENGINEER
SOFTWARE DEVELOPER
DATA ENGINEER

CONTACT

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tlevietpdx

Portland, Oregon

SOFT SKILLS

Problem solving

Attention to details

Quick learner

Team player

TECHNICAL SKILLS

C++, Java, Javascript, Bash, SQL, Python

GCP, Azure, AWS

Airflow, Kubernetes, Spark

EDUCATION

Portland State University

Master in Computer Science

Fall 2023 - Winter 2025 (Expected)

GPA: 3.96

HCMC University of Science

Bachelor in Computer Science

September 2018- September 2022

GPA: 3.78

INTERESTS

Calisthenics

Linguistics

Sailing

Dancing

AWARDS

MIT App Inventor (Community Award 2018)

PROFILE

I am a positive and collaborative individual with a strong enthusiasm for integrating machine learning into various applications. With a solid foundation in data science and a keen interest in real-world problem-solving, I thrive in team environments where innovative ideas and diverse perspectives drive success. My passion lies in leveraging machine learning to enhance efficiency, improve decision-making, and create impactful solutions across different industries while maintaining ethical and responsible aspects of intelligent models.

WORK EXPERIENCE

Front Desk Agent - On-campus

University Place Hotel & Conference Center, Portland, OR, US — April 2024 - Present

Machine Learning Engineer

SoftwareOne Vietnam, Ho Chi Minh, Vietnam — Nov 2022 - July 2023

- **Monthly Subscription (Time series) Prediction**
  - *Tasks*: Create and tune two different models (DeepVAR vs. Prophet)
  - *Tech stack*: SQL, Python (DeepVAR), AWS Redshift, S3
- **Hashtag & categorization from XML**
  - *Tasks*: Mine existing XML files (designed workouts by human expert) to produce hashtags and labels for clustering.
  - *Tech Stack*: XML, Python (Tokenization, TF-IDF, LDA)
- **Credit card fraud detection (Big data analysis)**
  - *Tasks*: Construct ML pipelines to ensure smooth and continuous predictions for big data chunks.
  - *Tech Stack*: Azure Databricks, ResponsibleAI, Spark, Azure Blob, Azure DataLake Storage Gen2
- **Bot Framework - Customized ChatGPT integration**
  - *Tasks*: Create and deploy chatbot powered by ChatGPT to handle queries and scenarios from both clients and internal employees
  - *Tech stack*: Azure Botframework, ChatGPT API, Langchain, Vector Database ChromaDB

Research Intern

Katalon, Ho Chi Minh, Vietnam — April 2021 - September 2022

- Research on test cases generation and automate testing using Katalon app.
  - Develop state-of-the-art graph representation of AUT from existing human test cases.
  - Generate and optimize test sets to save time while retaining fault coverage.
  - Visualize interactive graph to analyze results.
  - Automate exploration and find new faults.

PERSONAL PROJECT

- Dimensionality reduction comparison
- Lightweight real time hand gesture recognition
- Image & Caption generator from description (GCP scalable application)
- Game Developmment:
  - 3D Unity game
  - 2D Rust game