

LE TRAN TRONG KHOI

PhD STUDENT

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PERSONAL STATEMENT

I am a hard-working person who is willing to learn and passionate about working with data, image, mathematics. My background is a combination of Information Technology and Medicine. I am open to internship opportunities in Machine Learning, Data Science, and Data Analysis fields.

SKILLS

- Computer Vision
- Data Cleansing
- Data Manipulation
- Data Analysis
- Data Visualisation
- Clustering and Classification
- Tabular data
- Languages, platforms and softwares:
 - + Python
 - + R
 - + Git
 - + Cloud platforms: Amazon Cloud, Microsoft Azure

EDUCATION

University of Medicine and Pharmacy at Ho Chi Minh City (Vietnam)

August 2016 – August 2021

Bachelor of Pharmacy

Graduate thesis: "Acute toxicity and anti-tumor activities of Curcuma elata Roxb. extract in DMBA-induced mouse tumor model"

University of Burgundy (Dijon, France)

September 2022 – July 2023

Master 2 of Artificial Intelligence in Health

Subjects: Computer Science, Image processing, ML&DL, Cloud computing & Cybersecurity, Hybrid & Distributed AI
Overall: 16.231 (1st semester)

University Paris-Est Créteil (Créteil, France)

October 2023 - Present

PhD Student

Thesis: "Efficacy and safety of biologic treatments in psoriasis: causal inference from observational data"

WORK EXPERIENCE

Saigon Pharmaceutical Science and Technology Center (Vietnam)

October 2021 – July 22

Pharmacist - Researcher

- Assessed the toxicity and pharmacological effects of experimental samples.
- Wrote overview of research, constructed the outline of research, developed experiments and summarize data, conducted statistical analysis.
- Publications:
 - "Physical, biochemical, and acute toxicity characteristics, and accelerated aging of polyphenol/ chlorophyll pillulae originating from maize by-product"
(Published)
 - "Acute toxicity and anti-tumor activities of *Curcuma elata* Roxb. extract in DMBA-induced mouse tumor model"
(Processing)
 - "In vitro evaluation of the cytotoxic activity of *Curcuma zedoaria*"
(Processing)

Pharmacology Laboratory (Ho Chi Minh City, Vietnam)

January 2019 – August 2021

Research Assistant

- Performed intensive literature reviews before starting projects, such as cancer treatment, sinusitis treatment, diabetes treatment, gastric ulcers treatment, hypercholesterolemia treatment on mouse model, toxicity of medical products.
- Provided highly personalized assistance to other graduate students with their experimental and simulation needs in projects, such as anti-inflammatory effect, tonic effect, obesity treatment, diabetes treatment, gastric ulcers treatment, hypercholesterolemia treatment,... on mouse models.
- Set up and prepare the necessary equipment for scheduled experiments.
- Generated high-fidelity data before final publications.

Pharmacy Department (Gia Dinh Hospital, Vietnam)

April 2021 – June 2021

Intern

- Collected, measured, and analyzed data to generate disease models and rational use of medicine at the Nephrology Department.
- Made a report to evaluate patients condition, efficacy of medicine in clinical cases at the Nephrology Department.
- Checked prescription and distributed medicines at the Nephrology Department.

2/9 Pharmaceutical Factory (Vietnam)

June 2021

Intern

- Attended stages of producing medicine.
- Understood and performed well all the standards at the factory.

ImViA Laboratory (Dijon, France)

February 2023 – July 2023

Intern

- Project: “Physiological Analysis in Stress with Deep Learning”
- Responsibilities:
 - Carried out Exploratory Data Analysis, Data Cleansing, and Data Manipulation
 - Generated personalized strategy which is relevant to unique physiological data.
 - Generated, optimized and compared Machine learning and Deep learning models and classifiers: SVM, Multilayer Perceptron, CNNs, RNNs.
- Achievements: Successfully built a personalization model for stress detection with an accuracy of 95%.

EpiDermE (Créteil, France)

October 2023 – Present

PhD Student

- Project: “Efficacy and safety of biologic treatments in psoriasis: causal inference from observational data”

REFERENCES**Prof. Émilie SBIDIAN**emilie.sbidian@aphp.fr

Hôpital Henri Mondor (AP-HP), Créteil, France

Junior Prof. Tat-Thang VOtat-thang.vo@u-pec.fr

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