

DINH LE QUYNH PHUONG

INTERN IN DATA SCIENCE



CONTACT

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SKILLS

Technical Skills

- Data Analysis
- Data Entry & Processing (e.g., REDCap, Excel, data cleaning)
- Data Visualization using Power BI
- Programming in Python and R
- Computer Vision
- Artificial Intelligence (AI)
- Large Language Models (LLMs)
- SQL Management Studio, ETL (Extract, Transform, Load)

Technology &

Programming Skills

Front-End:

- Languages & Libraries: JavaScript, HTML, CSS
- Libraries & Tools: jQuery, AJAX, Bootstrap (UI Framework)

Back-End:

- Programming Language: C#
- Framework: ASP.NET MVC
- Database: SQL, SQL Server Management Studio
- Development Tools: XAMPP, PHP

Personal & Soft Skills

- Presentation & Communication Skills
- Coordination & Team Management
- Teamwork Skills
- Field Supervision Skills
- Analytical Thinking & Data Processing
- Organizational & Planning Skills

LANGUAGE

- English



PROFILE

A Data Science student at the Hanoi University of Public Health with a strong foundation in data analysis, scientific research, natural language processing, and AI technologies. Seeking internship opportunities in research or data analytics to enhance skills and contribute to projects that promote public health.



WORK EXPERIENCE

Project Leadership Team Member - ADB-Funded Research Project Asian Development Bank (ADB) - Hanoi University of Public Health - Remote Work

March 2025 - June 2025

- Acted as a coordinator within the project leadership team for the research titled:
- "The Impact of Air Pollution Forecast Information on Behavior and Mobility Patterns of University Students in Hanoi"
- Collaborated with field investigators and guided students in providing research data via a mobile application
- Monitored data collection progress and provided technical support to the research team when needed
- The project was funded by the Asian Development Bank (ADB)

Student Scientific Researcher - Hanoi University of Public Health

Phase 1: December 2023 - August 2024

Research Topic: "Digital Competency of Health Workers at Bac Tu Liem District Health Center in 2024 and Associated Factors"

- Conducted surveys using Google Forms; collected and processed data using Excel
- Supported result aggregation, contributed to report writing, and presented preliminary analysis

Phase 2: December 2024 - August 2025

Research Topic: "Using Large Language Models (LLMs) to Analyze Women's Perceptions of Beauty Practices via Social Media Data"

- Collected TikTok comments related to beauty practices
- Performed content analysis using LLMs, applying NLP techniques and GPT-4o-mini to classify sentiments and topics

Field Supervisor & Technical Coordinator Vietnam Tobacco Control Fund - PGATS 2024 Project - Hanoi

August 2024 - December 2024

- Supervised data collection on tobacco use and the implementation of the Law on Tobacco Harm Prevention among adults
- Coordinated field survey activities in provinces including Dong Nai, Binh Dinh, and Hai Duong
- Provided technical support to local investigator teams to ensure data quality and timely progress

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Assisted Lecturer in Kaggle Research Project (Helmet Project Flowchart)

October 2024 - December 2024

- Participated as a student assistant in a research project on modeling information flow (flowchart) related to helmet-wearing behavior
- Supported data processing and programming tasks using Python, Computer Vision, and Artificial Intelligence techniques
- Repo Kaggle: [Helmet Project Flowchart](#)

Data Entry Investigator & Hospital Research Assistant

Phase 1: November 2024 | Phase 2: May 2025 - June 2025

- Entered periodic health check-up data for first-year students (Phase 1), and second- and third-year students (Phase 2)
- Utilized REDCap and Microsoft Excel to store, standardize, and digitize data
- Ensured data accuracy, confidentiality, and timely completion during the data entry process
- Participated in hospital data digitization efforts in preparation for a student-led scientific research proposal on school health and medical data (Phase 2)

Intern - GHD Investment and Technology Joint Stock Company - Hanoi

June 2024 - October 2024

- Learned and initially practiced web application development using: C#, ASP.NET MVC, HTML, CSS, JavaScript, jQuery, and SQL Server
- Gained familiarity with and applied basic tools including: Bootstrap, AJAX, Microsoft Excel, Power BI, and SQL Server Management Studio
- Completed exercises and demo projects under lecturer supervision, including:
 - [WebApplicationFront_End \(GitHub\)](#)
 - [MVCusingEFCoreDBFirst \(GitHub\)](#)

Intern - Hanoi University of Public Health

May 2024 - June 2024

- Participated in the internship module "Health Data Analysis" with the topic: "Analyzing Mortality Characteristics from Administrative Health Data"
- Processed, cleaned, and analyzed mortality datasets using Excel, SQL Server Management Studio, and Power BI
- Developed statistical reports on gender distribution, age groups, causes of death based on ICD-10, length of hospital stay, etc.
- Visualized data using bar charts, line charts, and heatmaps in Power BI
- Contributed to group report writing and presented the internship findings
- Repo GitHub: github.com/quynhphuong1209/thuc-tap-1

Youth Observer - National Grand Youthcamp 2023 U.S. Embassy - NGƯỠC

May 25, 2023 - May 26, 2023

- Developed skills in public speaking, idea pitching, and community communication through active participation in workshops and group activities

Academic Support Team Member - SaT HUPH Club (Science and Technology Club, Hanoi University of Public Health)

October 2022 - Present

- Guided new student cohorts in participating in scientific research
- Developed academic content and supported the organization of workshops and collaborator recruitment
- Served as secretary supporting the interview process for Gen 8 collaborator recruitment

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RESEARCH PROJECTS AND SCIENTIFIC TOPICS PARTICIPATED IN



RESEARCH PROJECT

- The Impact of Air Pollution Forecast Information on Behavior and Mobility Patterns of University Students in Hanoi**
(Project funded by the Asian Development Bank – ADB)
- Current Tobacco Use Among Adults and the Implementation of the Law on Tobacco Harm Prevention in Vietnam (PGATS 2024)**
(Project under the Vietnam Tobacco Control Fund – Ministry of Health)
- Helmet Project Flowchart**
(Lecturer-guided project conducted via the Kaggle platform)



SCIENTIFIC RESEARCH TOPIC

- Digital Competency of Health Workers at Bac Tu Liem District Health Center in 2024 and Related Factors**
Duration: December 2023 – August 2024
- Using Large Language Models (LLMs) to Analyze Women’s Perceptions of Beauty Practices Through Social Media Data**
Duration: December 2024 – August 2025

EDUCATION AND QUALIFICATIONS



EDUCATION

- Bachelor’s Degree in Data Science**
Hanoi University of Public Health- Expected Graduation: 2026
- GPA (Current): 3.01 / 4.0**



QUALIFICATIONS

- Google Data Analytics Professional Certificate -**
Coursera
- Data Analysis with R Programming.**
Google
- Google Data Analytics Specialization**
Google
- Analyze Data to Answer Questions**
Google
- Prepare Data for Exploration**
Google
- Process Data from Dirty to Clean**
Google
- Foundations: Data, Data, Everywhere**
Google
- Share Data Through the Art of Visualization**
Google
- Ask Questions to Make Data-Driven Decisions**
Google

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MAJOR COURSES TAKEN AT UNIVERSITY

- **Mathematics - Statistics - Fundamentals of Data Science:** Linear Algebra, Calculus, Basic Probability and Statistics, Optimization
- **Programming and Software Engineering:** Introduction to Informatics, Programming Languages, Object-Oriented Programming, Python Programming, Web Development, Data Structures and Algorithms, System Analysis and Design
- **Databases and Information Systems:** Database Fundamentals, SQL Database Management Systems, Advanced Databases, Hospital Information Systems, Internship 1 (Database Practice), Operating Systems, Computer Networks
- **Data Science and Artificial Intelligence:** Introduction to Data Science, Data Mining, Data Analysis with R, Time Series Analysis, Recommender Systems, Artificial Intelligence
- **Applications in Healthcare and Public Health:** Health Information Management, Disease Surveillance Data Analysis and Sharing, Disease and Mortality Classification and Coding, Standards for Health Data Interoperability