Harry (Hieu) Phung

Proficient in remote sensing, geospatial technologies, data visualization, and spatial analysis. Dedicated to applying advanced tools to support forestry, environmental monitoring, and sustainable resource management. Passionate about contributing to projects that promote ecosystem resilience, enhance carbon sequestration efforts, and drive innovative environmental solutions.

✉ harry.ph.242@gmail.com

📱 +1-(778)-512-6024

📍 Vancouver, Canada

in https://www.linkedin.com/in/hieu-phung-465699154

SKILLS

R Coding   Python   ArcGIS Pro   QGIS   ENVI   eCognition   Google Earth Engine

SQL

WORK EXPERIENCE

MGEM Program's Assistant
The University of British Columbia

May 2025 – Aug 2025   *Vancouver, Canada*

Achievements/Tasks

- Assisted in constructing the course materials for the upcoming year students in the Master of Geomatics for Environmental management

Environmental Specialist
STI Vietnam

Jul 2023 – Sep 2023   *Hanoi, Vietnam*

Achievements/Tasks

- Conducted research on carbon market and carbon trade in Vietnam as well as in South-East Asia region
- Contributed to write the proposal for the project of Radar Image Processing using AI for Affordable Forest Carbon Credit Evaluation and Monitoring in Laos and Vietnam

Research Assistant
Tampere University

Feb 2022 – Jun 2023   *Tampere, Finland*

Achievements/Tasks

- Researched on CO_2 capture by molten salt electrolysis in Hydrogen and Carbon Value Chain (HYGCEL) project
- Designed laboratory scale system for experiment of molten salt electrolysis
- Successfully found a material that was cost-effective and durable for the molten salt electrolysis process
- Managed to produce carbon nano onion product as well as other tubular carbon products

CAD Designer Trainee
Ramboll Finland Oy

May 2021 – Aug 2021   *Tampere, Finland*

Achievements/Tasks

- Participated in on-the-job training, working closely with supervisors and coworkers (team of 10 people) and asking appropriate questions
- Designed PI-diagram for water and wastewater treatment plant in AutoCAD and AutoCAD Plant 3D
- Sketched a pumping station, which included 3D design and orthographic drawing in AutoCAD Plant 3D
- Managed to draw a conceptual 2D design of a water treatment plant in AutoCAD independently

EDUCATION

Master of Geomatics for Environmental Management
University of British Columbia

Jul 2024 – Apr 2025

Courses

- Final Project: Detecting Change of Aboveground Biomass in Kwahu South, Ghana. A Comparison between AGB Model Derived from Landsat 9 and PlanetScope Imagery

Master of Science (Technology) in Environmental Engineering
Tampere University

Aug 2020 – Jul 2023

Courses

- Thesis: Molten Carbonate Slat Electrolysis – Materials Selection, Experimental Design and Carbon Production

EDUCATION

Bachelor of Engineer in Energy and Environmental Engineering
Tampere University of Applied Sciences

Aug 2025 – Jun 2019

Courses

- Thesis: Effect of Graphene/Gold – nanoparticles composite on the photocatalytic activity of Titan Dioxide

CERTIFICATES

Talent Tampere Mentoring Programme 2017-2018	Student Ambassador 2021-2022
MATLAB Onramp	MATLAB Fundamental
Learning MATLAB	AutoCAD Plant 3D Essential Training: User
AutoCAD 2023 Essential Training	AutoCAD: 3D Modelling for Mechanical Designs
The Power of Statistics	

OTHER EXPERIENCE

Master's Degree Application Mentor
Trawise Ltd

Aug 2022 – Current   *Remote, Vietnam*

Achievements/Tasks

- Verifying the validity of applicants' documents against the university's admission requirements and providing advices, initial feedback, and evaluation for applicants
- Ensuring that the application is completed together with the clients to maximize the chances of admission and scholarship attainment
- Successfully mentored over 10 students, helping them secure scholarships across various categories including 50%, 100% and 100% plus living expenses