CODY NHAN PHAM

437 E. Cherry | Springfield, MO 65806 | (417) 450-2393 | contact@codynhanpham.com

EDUCATION

Bachelor of Science in Microbiology and Biotechnology   Expected Graduation: May 2023

Missouri State University – Springfield, MO

- GPA 3.84/4.00
- International Leadership Scholarship (2019-2023)
- Dean's List for all attended semesters
- Expected graduation in Spring 2023

LABORATORY EXPERIENCE

Undergraduate Research Assistant   April 2021-present

Missouri State University – Springfield, MO

- Researching the toxicological effects of engineered nanomaterials on plants (*Arabidopsis thaliana* and *Brassica napus*)
- Researching the correlation between the planting density, the nanomaterials concentration, and the bioremediation ability of *Brassica napus*
- Extracting total RNA and performing RNA-seq analysis for differential gene expression using the bioinformatics software CLC Genomics Workbench 20.0.4
- Extracting and quantifying plant's total chlorophyll concentration with spectrophotometry, and doing statistical analysis and graphing using R
- Performing Inductively Coupled Plasma Mass Spectrometry (ICP-MS) analysis to determine the amount of metal picked up by plants
- Designed a protocol for growing plants hydroponically for future experiments

Biology Laboratory Intern   Summer 2018

Vietnam National University VNU - University of Science – Ho Chi Minh City, Vietnam

- *In vitro* cloning a type of moth orchids (*Phalaenopsis blume*) in laboratory

ADDITIONAL WORK EXPERIENCE

Customer Service   October 2020-March 2021

Compass Group USA – Springfield, MO

- Operated POS cash register, handling 300 transactions per shift on average
- Compiled and managed reports and records

Content Writer   September 2017-April 2019

Help Heal Share Organization HHSO – Ho Chi Minh City, Vietnam

- Compiled social media posts to appeal to public attention to non-profit charity activities, scored an average reach of around 2500 accounts
- Designed advertising posters for social media and public events
- Organized charity events that involved up to 50 volunteers, provided patient care and about 700 free-meal portions per event at various hospitals

ADDITIONAL SKILLS

NodeJS	MongoDB (NoSQL)	HTML/CSS/JS	Python
Adobe Photoshop	Adobe Premiere	Autodesk Fusion 360	Ableton Live