



Contact



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Languages

English (C1)



German (C1)



Vietnamese

(Native speaker)



Interests



Swimming



Cooking



Listen to Podcasts

Linh Trinh

Education

○ 2024 - 2026

M.Sc. Molecular Bioscience

Ruprecht Karls University Heidelberg, Heidelberg, Germany

Major: System Biology (**Bioinformatics**, mathematical **modelling**)

Class speaker year 2024/25

○ 2020 - 2024

B.Sc. Molecular Biotechnology

Ruprecht Karls University Heidelberg, Heidelberg, Germany

Focus: **Bioinformatics**

Bachelor's thesis: Single-cell and spatial transcriptomics reveals the phenotypes of TLS-associated macrophages (in Applied Bioinformatics Department, German Cancer Research Center (DKFZ))

○ 2019 - 2020

STEM-oriented class

Studienkolleg Darmstadt, Germany

Preparatory course for international students to study at a German university

○ 2015 - 2018

Chemistry-oriented class

High School for Gifted Students, Hanoi University of Education, Hanoi, Vietnam

Experiences

○ May - September 2023

Working student, **BioMedX GmbH**, Heidelberg

Department for Immunology Discovery

Developed a solution for the automatization of data processing and analysis of flow cytometry data using R programming

○ February - August 2023

Working student, **German Cancer Research Center (DKFZ)**, Heidelberg

Department for Systems biology of signal transduction

Contributed computationally to the development of a pipeline for mass spectrometric analysis of human cardiac tissue samples

○ February - April 2023

Intern, **Biomex GmbH**, Heidelberg

Participated in daily laboratory operations and actively participated in the handling of human plasma samples



October 2022 - January 2023

Intern, **Institut für Biotechnologie** der Vietnam Academy of Science and Technology (VAST), Hanoi, Vietnam

Bioinformatics Lab

Analysis and interpretation of metagenomics data from next generation sequencing

Publication

Khanh Linh, T., & Van Ngoc, B. (2023). Comparative analysis of eukaryotic microbial communities associated with *Acropora formosa*, sediment, and seawater in a coral reef ecosystem of Whale island, Nha Trang bay, Vietnam. Vietnam Journal of Biotechnology, 21(1), 155–165. <https://doi.org/10.15625/1811-4989/18018>

Relevant skills

Programming skills in R, Python and Java

Version control (Git, GitHub, GitLab)

Confident in using **Microsoft Office** programs

Collaborative team player with strong communication skills

Cluster computing

Bash scripting and Linux systems

Laboratory skills: DNA/RNA extraction and purification, gel electrophoresis, cloning and transformation, polymerase chain reaction (PCR), documentation