

# Thang Le-Phuoc

## Curriculum Vitae

### SUMMARY

#### “Creative head with technical skills”

Pursuing a Master's in Computer Science, with a Bachelor's in Information Systems. 5 years of experience working in teams, including 4 years in Data Science and 2 years in ETL pipelines. Strong mathematical background, familiar with topics such as computer vision, natural language processing, optimization, generative AI models, data visualization, interactive front-end development, and game asset development. Speaking English and German fluently. Young, creative, enthusiastic, and eager to learn.

### WORK EXPERIENCE

Hapag-Lloyd AG

#### Data Scientist - Working Student

As the main developer, I built and maintained the pipeline for the volume optimization process, particularly focusing on the linear optimization step. This work resulted in detailed outputs and user-friendly interfaces that are widely used within the company. Since August, I have also worked on data visualization using D3.js for Qlik Sense, creating interactive components that have become valuable tools for my colleagues.

JAN 2023 – JUN 2024 (PT)

University Hamburg

#### Research Assistant and Tutor

I was employed to assist with weather simulation on crops for the excellence cluster CLICCS. My role involved optimizing hardware, writing batch software to automate processes, and reporting results using static Seaborn plots. From the summer semester, I have been collaborating with three other tutors to design teaching and study materials for the module “Introduction to Image Processing” (Bildverarbeitung in German). I also lead tutorials for a class of 30 students throughout the semester, grading their assignments and exams.

JAN 2022 – DEC 2023 (PT)

Yieldkit GmbH

#### Software developer

At Yieldkit, an online affiliate website, my role involves learning customer APIs, consuming, integrating them, and automating processes using Spring and Hibernate. This resulted in the addition of five new companies to our ecosystem.

JAN. 2022 – AUG. 2022 (PT)

University Administration

#### Database Developer - Working student

I have developed and implemented data processing pipelines to streamline and optimize data workflows. Additionally, I created and maintained Excel file endpoints to support the analytics team, ensuring efficient data access and reporting. My work involved designing robust systems for data handling and providing tailored solutions that enhanced the team's analytical capabilities.

JAN. 2020 – DEZ. 2021 (PT)



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### EDUCATION

2022 – NOW

#### Master of Science

CURRENT GPA: 1.5

Computer Science

University Hamburg

2019 - 2023

#### Bachelor of Science

FIRST CLASS HONORS/ GPA: 1.7

Information System

University Hamburg

2018 – 2019

#### Studienkolleg

FIRST CLASS HONORS/ GPA: 1.3

Economics

University of Kassel

### DEV-KITS

GENERAL	java, sql, powershell, git, linux
WEB	javascript/typescript, html, css mui, tailwind, d3, r3f, three, drei react, nextjs, vite/vercel, spring
MACHINE LEARNING	python, tensorflow, torch, seaborn albumations, pulp, cv, gan
OTHERS	photoshop, stable diffusion, unity blender, qlik sense, databrick latex, postgresql

### PROJECTS

Elisabeth Fittschen, Tim Fischer, Daniel Brühl, Julia Spahr, Yuliia Lysa, **Phuoc Thang Le** (2024): **AnnoPlot: Interactive Visualizations of Text Annotations**. *EACL (Demonstrations) 106-114*.

**Phuoc Thang Le**, Adrian Lindhoff, Rico Bruland, Longqin Jiang (2024): **BODY AND SOUL - An Exegame controlled with Kinect** *University Hamburg - Module: Interactive Game Design*.

**Phuoc Thang Le** (2023), **Image Augmentation For Marine Wildlife Classification** *University Hamburg - Bachelor thesis*, graded with 1.3 - excellence.

### AWARDS

2023

#### Starter Scholarship

Schotstek gGmbH

2022

#### Merit scholarship for internationals

University of Hamburg

### LANGUAGES

German, English, Vietnamese