






MINH HIEU LE

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Computer Science (B.Sc) -
Student, TU Darmstadt

ABOUT ME

As a motivated computer science student with a strong interest in quantitative analysis and data-driven decision making, I am open to new challenges in the field of Data Analytics/Machine Learning and possess a self-driven, result-oriented work ethic as well as the capability to effectively communicate and commit to collaboration in German and - English.



EXPERIENCE

- 2021 – 2022 **Big Data Analytics Internship, BMW Group** Munich, Germany
Full-time
- Further development and optimization of a web application for dynamically combining and extracting measurement data from different time records with different sampling rates in KNIME.
 - Optimization of complex database queries in PostgreSQL, Oracle and AWS Athena.
 - Development of a dashboard to estimate and visualize workflow runtimes and batch jobs in KNIME.
 - Digitization and automation of various work processes with Python and KNIME.
- Python / SQL / KNIME Analytics Platform / MATLAB / HTML / CSS / REST API
- 2023-Jetzt **Studentische Hilfskraft (Tutor), Data and AI Systems Lab, TU Darmstadt** Darmstadt, Deutschland
Teilzeit
- Tutor for the course "Informationsmanagement"
 - Supervise and support the course in the first part: Relational Database and SQL
 - Responsible for the creation of quizzes and exercises

EDUCATION

- 2015 – 2018 **Foreign Languages Specialized School of the National University Hanoi** Hanoi, Vietnam
- 2018 – 2019 **Preparatory College of the TU Darmstadt** Darmstadt, Germany
- Overall GPA – 1.5
 - Relevant subjects: **Maths** (1.0), **Introduction to Computer Science** (1.5)
- 2019 – Now **B.Sc Computer Science, TU Darmstadt** Darmstadt, Germany
- Current GPA: 1.8
 - Relevant courses: **Linear Algebra** (1.0), **Analysis** (2.7), **Numerics, Stochastics, Statistics** (1.0), **Information Management (Introduction to Database and NLP)** (1.0), **Data Mining and Machine Learning** (1.7)
 - Relevant projects:
 - **Team project Software Development:** In this project we developed an administration tool for a faculty at the TU Darmstadt. The application was written in Java Swing and should help the secretary to automate various HR tasks.
 - **Java Game Framework Project:** During the project, I applied my understanding of Java to recreate the game "Gun Mayhem" using the framework "Slick2D". In doing so, I expanded and improved my Java skills.
- Java / C++ / Python / SQL / NLP / GIT / IntelliJ IDEA / Jupyter Notebook

QUALIFICATION, CERTIFICATION

Google Data Analytics Professional Certificate

(issued by *Coursera*)

The course provided comprehensive knowledge in using tools and platforms such as **spreadsheet, SQL, Tableau and R**. During the course I learned how to prepare, process and analyze data in order to leverage it for meaningful decisions.

Learning Data Analytics

(issued by *LinkedInLearning*)

In the course, I learned about the key elements of data analysis and business data, as well as common mistakes when dealing with a data project. The course also introduced some useful techniques for data visualization and aggregation.