Shuaiwei Yu
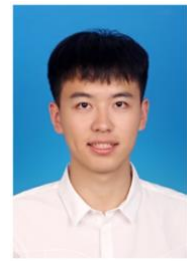
Mobile：+49 0174 3156870 | Email：shuaiwei.yu@outlook.com
Address: Connollystr. 3/App T03, 80809 Munich, Germany
Personal website: https://shuaiweiyu.github.io/personal-website/#/

EDUCATIONAL BACKGROUND

Technical University of Munich — Information system B.Sc.   *Apr/20 – Sep/23*

➢ A study that combines the basic idea of computer science (programming, software development, database, algorithms) and fundamental content of business administration (accounting, economics)

➢ Graduation score: 2.2 (with 1.0 as the best and 4.0 as the worst)

Technical University of Munich — Information system M.Sc.   *Apr/20 - now*

➢ An interdisciplinary discipline that addresses the design of information systems in business and administration, focusing on software development

➢ Expected Graduation: Sep/2025

WORKING EXPERIENCE

Technical University of Munich   **Munich, Germany**

IT und Gesellschaft Tutor (EN)   *Apr/21 - Sep/21*

➢ Discuss the influence of IT and AI technology on society with students in the form of small seminar groups

Fundamentals of Programming Tutor (EN)   *Oct/21 - Apr/22*

➢ Teach Object-Oriented-Programming using Java with live-demonstration to help students gain hands-on experience

Introduction to Computer Networking Tutor (DE)   *Apr/23 - Sep/23*

➢ Teach the concept of the computer network and help with the homework

websites student assistant   *June/22 – Sep/23*

➢ Maintenance and updating the website of the school CIT with Typo3, organization of activities in the university, and author newsletters with HTML

Bayerische Motoren Werke AG (BMW)   **Munich, Germany**

working student 3rd-Party App Store   *Sep/22 – Dec/22*

➢ Development of utility apps for internal usage based on android

➢ Development of a News aggregator application

➢ Testing of 3rd Party Apps and documentation with Jira and Monday.com

➢ Benchmarking automotive app store developer portals for optimizations of the BMW app store

LexCom Informationssysteme GmbH   **Munich, Germany**

full-stack developer working student   *Oct/22 – now*

➢ Development of a QR-code scanner full-stack Microservice for users to use their phones to upload the documents related to the user's orders, using SpringBoot as Backend and React.js as Frontend.

➢ Maintenance of the Code in different Microservices.

SKILLS & AWARDS

Language skills:

<u>Chinese</u>: Native   <u>German</u>: advanced   <u>English</u>: advanced

IT-knowledge:
- Languages: Java, Python, SQL, JavaScript
- Framework: SpringBoot, Junit, VUE.js, React.js
- Other: Microsoft Office, Git, typo3

Projects

Bachelor-thesis: Automatic generation of BPMN diagram using NLP Technik
- Development of a model based on existing works that takes textual descriptions as input and generates Business Process Model and Notation (BPMN) diagrams using NLP Technik
- Benchmarking the rule-based diagram generation with the BPMN diagrams generated by the Large Language Model (LLM)

Analytics Cup of Course "Business Analytics and Machine learning" at TUM in WS2021/22
- Development of a machine learning model using a decision tree model to predict customer's purchase decisions.