JIAPING ZHANG

⊙ MUNICH, 80805, GERMANY ☎ 01628955297

⊙ DETAILS ⊙

Grasmeierstraße 25 0511
Munich, 80805
Germany
01628955297
ge47jof@mytum.de

Date of birth
20/09/1998

Nationality
Chinese

⊙ SKILLS ⊙

Python

C/C++

Matlab

SQL

Power BI

Microsoft Office

Ability to Work Under Pressure

Highly organized and efficient

Fast Learner

👤 PROFILE

- Passionate about Machine Learning and Data Analysis, with a strong desire to contribute towards solving complex problems, making data-driven decisions, and developing innovative solutions.
- Committed to continuous learning, embracing curiosity, and regularly practicing to stay updated with the latest advancements.

🎓 EDUCATION

Master, Technical University of Munich, Munich, Germany
October 2021

Major: Robotics, Cognition, and Intelligence

Relevant Courses:

- Machine Learning
- Machine Learning for Sequential Data and Graphs
- Machine Learning for Business Analysis
- Machine Learning for Medical Images

Skills:

- Programming: Python (PyTorch), MATLAB
- Version Control: Git
- Data Platforms: Snowflake
- Data Visualization: Power BI
- Data Analysis

Bachelor, Zhejiang University, Hangzhou, China
September 2017 — June 2021

Major: Industrial Engineering

Grade: 3.7/4.0

Relevant Courses:

- Operational Research
- Foundations for Analysis with Python
- Product Data Management and Application
- Principles of Database Systems

Skills:

- Programming: Python (PyTorch), MATLAB, C
- Data Platforms: MySQL
- SAP(ERP)

👥 PROGRAMMS

Machine Learning for Medical Images at TUM

- Adapted 2D Y-Net to the 3D domain
- Trained the 3D segmentation model in a few-shot setting using meta-learning to tackle the issue of limited medical data availability.

Machine Learning for 3D reconstruction at TUM

- Performed shape reconstruction from a single-view image.

- Employed a classification network to extract global features and combine them with local features derived from the single-view image. This fusion of features enables the 3D network to acquire sufficient information for successful shape reconstruction.

Autonomous Search and Rescue System at TUM

- Utilized a simulated avalanche scene and UAV model built by Unity
- Implement Robot Operating System (ROS) for detector simulation, path planning, trajectory planning, and control

💼 INTERNSHIPS

Global Learning and Growth at Siemens, Munich, Germany
February 2023 — July 2023

- Utilize Snowflake to transform data-load type to delta data-load.
- Design learning dashboards for applications using Power BI.
- Design data model for My learning World.
- Machine Learning for content classification.

Information services at ByteDance, Hangzhou, China
January 2021 — April 2021

- Identify fraud information and build a module to detect
- Document technical factors such as server load, bandwidth, database performance, and browser and device types.
- Identify problems uncovered by testing or customer feedback, and correct problems or refer problems to appropriate personnel for correction.

Supply chain management at UniTTEC, Hangzhou, China
June 2020 — October 2020

- Analyze all aspects of corporate logistics to determine the most cost-effective or efficient means of transporting products or supplies.

★ SOCIAL ACTIVITIES

Volunteer at Stustaculum 2023

- Assisted in training over 100 volunteers, providing guidance and support.
- Contributed to venue set-up.

Tandem Partner

- Maintained a two-year tandem partner learning program with two German classmates.

★ WEBSITES & SOCIAL LINKS

- LinkedIn: www.linkedin.com/in/jiaping-zhang-54bba1218
- Github(Own account): https://github.com/Penny-Zhang
- Github(TUM account): https://github.com/PennyZHANG123

★ LANGUAGE

Chinese - native / English - C1 / German - B2

★ HOBBIES

Karate, Billiards, Swimming, Hiking, Dancing, etc.