



# Tao Xiang

IT Developer

Hong Kong, Hong Kong  
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↗ [Personal Website](#),  
[GitHub Profile](#),  
[App Showcase](#),  
[HuggingFace Profile](#),  
[ORCID Profile](#)

## Skills

React	████████████████████
Python	████████████████████
Flutter	████████████████████
Java	████████████████████
JavaScript	████████████████████
Git	████████████████████
Linux	████████████████████
SQL	████████████████████
C++	████████████████████
Node.js	████████████████████
HTML & CSS	████████████████████

## Languages

Mandarin	████████████████████
Cantonese	████████████████████
English	████████████████████
German	████████████████████

## Profile

Experienced Software Developer adept in bringing forth expertise in design, installation, testing and maintenance of software systems. Equipped with a diverse and promising skill-set. Proficient in various platforms, languages, and embedded systems. Experienced with the latest cutting edge development tools and procedures. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

## Employment History

### IT Teacher, Hanlin Hong Kong Education, Hong Kong

March 2024 — Present

Teach computer science university students subjects such as Programming, Data Structure, Database, Assembly and so on.

### Research Assistant, Technical University of Munich, Munich

March 2023 — September 2023

Worked on the PEER (Paper Evaluation and Empowerment Resource) project, which aims to help German primary and secondary school students improve their essay writing skills using advanced natural language processing techniques like large language models (LLMs).

- Developing a web and mobile application for data collection. This likely involved building user interfaces and backend systems to allow students to submit their essays and receive AI-generated feedback.
- Assisting with data preprocessing. You probably helped clean, format and prepare the collected essay data to be used for training the language model.
- [GitHub](#)

### Research Intern, SAP SE, Germany

November 2022 — May 2023

Generative Question Answering Chatbot for Human Resources at SAP SE

- Developed a generative question-answering chatbot to streamline the handling of support tickets within the HR department at SAP SE, a leading German IT company.
- Trained the chatbot using an internal dataset provided by SAP SE to automate responses and reduce manual labor, thereby improving overall efficiency.

- Conducted a comparative analysis of the performance of efficient transformers (LongT5) and regular transformers (T5) to address computational resource constraints caused by lengthy input texts.
- Implemented the chatbot to enhance the HR department's ability to respond to employee inquiries promptly and accurately, ultimately improving the employee experience.

## Education

**M.Sc. Computer Science, Technical University of Munich, Munich**

October 2021 — February 2024

Passed with Merit

**B.Sc. Computer Science, Technical University of Munich, Munich**

September 2018 — August 2021

Passed with Merit

## Extra-curricular activities

**QQ BROWSER 2021 AI Algorithm Competition the 15th Place Award (2000 RMB) 2021, Tencent, Shenzhen**

April 2021 — October 2021

## References

References available upon request