Wei Zhao AI Development Engineer

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Nationality: China | Date of Birth: 01/09/1997 | Marital Status: Single

ROFESSIONAL SUMMARY

As a software engineer who are familiar with Embedding, Backend Development, Cloud, I bring over 1.5 years of experience in developing project with efficient AI applications. I am adept at applying cutting-edge AI techniques to solve complex problems, demonstrating a commitment to innovation and leadership in team collaboration. Besides, I have many hobbies, having these interests I can reach a better interpersonal relationship with surrounding people.

PROFESSIONAL EXPERIENCE

06.2024 – 11.2024

Software Engineer | YanYin Technology Company, ShangHai , China

- Responsible for building data systems, crawling, cleaning, and migrating multiple data sources

- According to the project requirements, complete the development document design, and in accordance with the development document complete the back-end function development

- Participate in the development and expansion of AI platforms, conduct technology on AI technology

Selected Project Experience

- datasets crawling
- The project mainly includes data sources such as nature_protocol, current_protocol, protocol_io, and aminer. Tasks are used to monitor and control the processing flow of these data sources. Each data source includes processes such as crawling, cleaning, parsing , publishing, and AI processing

- datasets
- This project mainly integrated data which obtain from datasets crawling into major system ,which can provide many services to customer such as search , watching literature detail and quick index.

**03.2023 –
06.2024** **Software Engineer** | BaDou Intelligent Technology Company, ShangHai , China

- According to the project requirements, complete the development document design, and in accordance with the development document complete the back-end function development

- Participate in the upgrade of customer service robot system, complete the embedding model and large language model complete the embedding model and large language model to integrate into the new system,

- Participate in company project privatization deployment, cloud service deployment (AWS, Tianyi Cloud)

Selected Project Experience

- Enterprise Assistant Robot
- The project is a chatbot with a wide range of c-side applications. the project mainly includes modules such as tenant management system, knowledge management system, application system, and question and answer system of the consultation window.

- Document search service
- This project is an independent post-processing service for document knowledge points. The project mainly provides functions such as semantic search, document vectorization, document vector storage, document format conversion, and document slicing.

EDUCATION

April
2025—
June 2027 **Xu Exponential University of Applied Science** | Berlin, German

M.Sc in Data Science
- Join courses of language modeling, based on real case datasets from amazon we build semantic search engine to test performance and accuracy of different embedding model from basic embedding to contextual embedding
- Join internship in EnterRenew , we run time series algorithms in area to analyzes patterns in the past data to make predictions about the future in depth to groundwater of an aquifer

Sep 2016—
Jul 2020 **ShanXi University** | TaiYuan, ShanXi,China

B.Sc. in Computer Science and Technology

ADDITOONAL INFORMATION

Skills
- Programming Languages: Python, Java
- Frameworks: SpringBoot, Flask, Liquibase,Mybatis
- Databases: PostgreSQL, MySQL, MongoDB, Cassandra,Milvus
- Middleware: Redis, Rabbitmq
- Others: Docker

Languages
- Chinese (Native)
- English (B2)
- Japanese(B1)

Interests
- Reading Literature, Hiking, Traveling