Zhao Liu - AI Engineer Resume

Personal Information

Name: Zhao Liu

Age: 27, Male

Phone: 136****6666

Email: zhaoliu@example.com

Education: 2017.09~2021.06 Beijing University Computer Science Master

Experience: 4 years AI/ML development

Expected Salary: 25-40K

Technical Skills

Programming: Python, Java, C++, JavaScript

AI/ML: TensorFlow, PyTorch, Scikit-learn, Keras

Deep Learning: CNN, RNN, LSTM, Transformer, BERT

NLP: Natural Language Processing, Text Analysis, ChatBot

Computer Vision: OpenCV, Image Recognition, Object Detection

Big Data: Spark, Hadoop, Kafka, ElasticSearch

Cloud: AWS, Google Cloud, Docker, Kubernetes

Database: MySQL, MongoDB, Redis, Vector Database

Work Experience

AI Technology Company | Senior AI Engineer | 2022.03 - Present
Responsibilities:
- Lead development of large language model applications
- Design and implement RAG systems and knowledge graphs
- Optimize model inference performance and deployment
Key Achievements:
- LLM Application Platform: Built enterprise LLM platform with 95% accuracy
- Intelligent Q&A System: Implemented RAG-based system serving 10K+ users
- Model Optimization: Reduced inference latency by 60% through quantization

Internet Company B | Machine Learning Engineer | 2021.07 - 2022.02
Main Work:
- Developed recommendation algorithms and user profiling systems
- Built real-time feature engineering pipelines
- Participated in A/B testing and model evaluation
Projects:
- Recommendation System: Improved CTR by 25% using deep learning
- Fraud Detection: Built ML model achieving 92% precision

Project Experience

Enterprise ChatBot System | 2023.06 - 2023.09
Tech Stack: Python + FastAPI + LangChain + ChromaDB + OpenAI API
Description:
- Built intelligent customer service bot with multi-modal capabilities
- Implemented RAG system for accurate knowledge retrieval

- Integrated voice recognition and text-to-speech features
- Achieved 90% customer satisfaction rate in pilot deployment

Multi-modal Content Understanding | 2023.01 - 2023.04
Tech Stack: PyTorch + CLIP + Transformer + Docker
Description:
- Developed system for understanding images, text, and video content
- Fine-tuned pre-trained models for domain-specific tasks
- Built scalable inference pipeline handling 1M+ requests daily

Education

Beijing University | Computer Science | Master | 2019.09 - 2021.06
Major Courses: Machine Learning, Deep Learning, NLP, Computer Vision
Thesis: Research on Large Language Model Fine-tuning Methods
Awards: First-class Scholarship (2020), Outstanding Graduate (2021)

Technology Institute | Software Engineering | Bachelor | 2017.09 - 2019.06
Major Courses: Data Structures, Algorithms, Database Systems
Awards: Second-class Scholarship (2018)

Certifications

- AWS Certified Machine Learning - Specialty (2023)

- Google Cloud Professional ML Engineer (2022)

- NVIDIA Deep Learning Institute Certificate (2022)

Self Assessment

- Strong foundation in AI/ML with 4+ years hands-on experience
- Expertise in large language models and multi-modal AI systems
- Proven track record in building production-ready AI applications
- Strong problem-solving skills and ability to work in fast-paced environments
- Excellent communication skills and team collaboration experience
- Passionate about AI technology trends and continuous learning