

# Yanqi Wang

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*System Engineer · 2 Years of Professional Experience · Shanghai · China*

🌐 <https://yanqi-wang.com>

## Education

### Anhui University of Finance and Economics (AUFE)

Anhui, China

*Bachelor of Information Management and Information Systems*

2020–2024

GPA: 88.5/100 (4.0/5.0)

**Relevant Coursework:** Programming Language Design, Data Structures, Machine Learning and Big Data Technology, Probability Theory and Mathematical Statistics, Introduction to Artificial Intelligence, Operations Research, etc.

## Work Experience

### UnionPay Advisors (Shanghai) Co., Ltd. (China UnionPay)

Shanghai, China

*System Engineer, Technology Department*

Jul 2024–Present

- Spearheaded AI system research and development for enterprise applications, driving innovation from conception to deployment
- Architected system design and deployment strategies, ensuring scalability and maintainability
- Designed and implemented redundancy mechanisms to ensure system reliability and fault tolerance
- Engineered internal systems that streamlined operational workflows and delivered scalable enterprise solutions

### iFLYTEK Co., Ltd.

Anhui, China

*AI Resource Engineer (Intern), iFLYTEK AI Research Institute*

Apr 2024–Jun 2024

- Fine-tuned the iFLYTEK Spark LLM for a government project employing supervised learning and prompt engineering techniques
- Built Python-based web scraping pipelines and implemented data preprocessing workflows using pandas and NumPy
- Executed rigorous data cleaning and quality assurance protocols to ensure data integrity
- Optimized model performance via systematic hyperparameter tuning and comprehensive evaluation metric analysis

### Data Science and AI Training Center of AUFE

Anhui, China

*Data Science Intern*

Jun 2023–Sep 2023

- Developed BI dashboards and data visualization systems using Python (pandas, NumPy, Matplotlib) for a local government analytics project
- Designed and implemented large-screen display solutions enabling real-time data monitoring and reporting
- Conducted statistical analysis and delivered actionable insights using data-driven methodologies

## Projects

### Alibaba Cloud Tianchi Big Data Competition

Rank: 71/1,094

*AI-Generated Text Detection Based on ML and LLM*

Mar 2025–Apr 2025

- Participated in a competition organized by the Institute of Information Engineering, Chinese Academy of Sciences
- Engineered an ensemble ML solution integrating XGBoost and LightGBM with bagging techniques
- Fine-tuned the Qwen2.5-7B LLM to enhance detection accuracy
- Attained 0.77 prediction accuracy on completely unseen test datasets
- Implemented comprehensive data preprocessing and feature engineering pipelines ensuring robust model performance

### Enterprise-level AI Intelligent System

UnionPay Advisors, Shanghai

*“Xiaozhi” UnionPay Advisors Comprehensive Intelligence Engine*

Aug 2025–Present

- Orchestrated the complete development lifecycle from model deployment to production launch of an enterprise AI Q&A system
- Architected and implemented the system utilizing Flask framework, Dify workflow, and dual DeepSeek models with knowledge base integration
- Developed the Model Gateway module featuring token rate limiting and permission control functionalities
- Designed and implemented SHA-256 encryption for API key security and token consumption management
- Deployed and manually encapsulated models using OpenAI protocol supporting both streaming and non-streaming API calls
- Designed system architecture with high availability and redundancy to ensure enterprise-grade reliability
- Collaborated with cross-functional teams to deliver scalable AI solutions driving internal business operations

## Technical Skills

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**Programming:** Python, Go, JavaScript, C/C++

**Web Development:** Flask, Django, Gin, Vue.js

**AI & Machine Learning:** PyTorch, Dify, Coze, N8n, Model Fine-tuning

**Cloud & DevOps:** AWS, Alibaba Cloud, Tencent Cloud, Docker, Ansible, Shell

**Database & Middleware:** MySQL, MongoDB, ClickHouse, Redis, Nginx, Kafka

**Tools:** Git, GitLab, GitHub, Gerrit, Linux (CentOS, Ubuntu)

**Core Competencies:** System Architecture Design, High Availability, Data Analysis, BI Reporting

## Campus Activities

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### School of Management Science and Engineering Football Club

**AUFE**

*Men's Football Team Captain*

2020–2024

- Captained the team for two seasons (2022-2023), leading to a Top 4 finish in the league
- Played as center-back and maintained a starting position throughout the four-year university career
- Demonstrated leadership, teamwork, and strategic thinking on and off the field
- Coordinated training sessions and motivated team members to achieve competitive outcomes

### School Volunteer Association

**AUFE**

*Volunteer*

2020–2024

- Actively engaged in volunteer activities throughout four years of university
- Conducted regular volunteer services at municipal library and local communities
- Accumulated 216 hours of volunteer service, demonstrating commitment to social responsibility
- Contributed to community development and public service initiatives

## Awards & Honors

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### Academic Awards

- Honorable Mention, MCM/ICM
- National Second Prize, Statistical Modeling Competition
- Provincial Third Prize, Innovation & Entrepreneurship Challenge
- 10+ School-level Awards

### Scholarships (Multiple Times)

- Merit Student Award
- Academic Excellence Scholarship
- Comprehensive Ability Scholarship
- Volunteer Service Scholarship
- Sports Excellence Scholarship

## Additional Information

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**Research Interests:** Data Science; AI; System Engineering

**Certifications:** IBM Data Science Professional Certificate; Business Data Analyst Level 3 Certification; Alibaba Cloud Certified Professional (ACP) – AI Engineer

**Language Proficiency:** Chinese (Native), English (IELTS 7.0 (6.5))