

# Yang Liu

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## Professional Summary

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Aspiring AI and Web developer with hands-on experience in automation, conversational AI, and web game development. Seeking to apply technical and leadership skills in innovative technology companies.

## Education

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### Nanjing University of Information Science and Technology

Sep. 2019 – Jun. 2023

*B.S. in Atmospheric Sciences*

(Top 5% of

Class)

- **Key Coursework:** Methods of Meteorological Statistics (84%), Meteorological Data Assimilation & Practice (87%), Remote Sensing for Hydrometeorology (97%), Flash Flood Early Warning System (85%), Diagnostic Analysis of Hydrometeorological Drought (95%), Essentials of Synoptic Analyses (83%).
- **Honors and Awards:** University Student Volunteer "Advanced Individual", "Three Good Students", "First Class Scholarship", "Outstanding Student Cadre"

### University of Liverpool

Sep. 2024 – Now

*MSC Data Science and AI*

- **Key Honors:** Programming Fundamentals, Database and Information Systems, Maths and Statistics, Machine Learning and Bioinspired Optimisation, Applied Artificial Intelligence, Web Programming

## Project Experience

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### SmartCall Intelligent Voice Assistant

2025

*Darwinik*

- Designed and developed a cloud-based intelligent voice assistant using n8n, integrating speech-to-text (STT), large language models (LLM), text-to-speech (TTS), and a PostgreSQL database for memory management and personalized user experience.
- Automated complex business workflows, enabling AI-driven customer interaction and efficient appointment scheduling.
- Standardized documentation and API management, supporting rapid future integration of new AI services.

### Meow Web Game Platform

2025

*Personal Project*

- Independently developed a web-based game platform featuring classic mini-games such as Tetris and Snake, utilizing HTML, CSS, and JavaScript.
- Managed end-to-end UI/UX design, front-end logic, and interactive game mechanics.
- Demonstrated strong skills in cross-platform web development and user experience optimization.
- Demo available upon request.

## Internship Experience

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### AI Intern

May 2025 – Aug 2025

*Darwinik*

- Supported the design, development, and evaluation of AI models, including NLP, computer vision, and predictive analytics..
- Built and tested proof-of-concept tools and prototypes using cutting-edge AI APIs and frameworks.
- Collaborated with designers, developers, and data scientists on multidisciplinary AI-driven projects.
- Documented technical findings and shared best practices with the team.

## Student Union Experience

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### Sunshine Psychological Association

**Dec. 2019 – Jun. 2021**

*Head of Activities Department*

- Organized and executed NUIST's inaugural "Psychological Group Counseling Competition," earning school-wide recognition through independent planning, framework design, and effective coordination with judges and participants. The event's success led to a university appointment as a Peer Mentor to guide and support students.
- Conducted monthly psychological group counseling sessions for Longshan College and trained psychological committee members and hosts.
- Executed university-mandated tasks successfully by collaborating with the psychological center.

### Media Center

**Jul. 2021 – Jun. 2022**

*Secretary-General*

- Selected as one of the university's Top 10 Student-Teacher Representatives to participate in the post-performance discussions of the Jiangsu Opera Tour during the "Youth Dialogue" program, contributing insights on societal responsibilities and publishing a reflective article in Xinhua Daily News.
- Drafted the constitution for the Media Center of Nanjing University of Information Science and Technology, gaining approval from senior management.
- Managed the university's official WeChat account, overseeing content selection and ensuring alignment with institutional goals and national rankings.

## Technical Skills

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- Programming: Python (data analysis, visualization), JavaScript, HTML, CSS, PHP, C++
- Web Development: HTML, CSS, JavaScript, PHP
- Database & GIS: PostgreSQL, GIS
- Automation & AI: n8n, API integration, LLMs, Speech-to-Text (STT), Text-to-Speech (TTS)
- Other Tools: Docker, Git, Microsoft Office Suite (Word, Excel, PowerPoint)

## Certifications

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- Top 5% of Class, First Class Scholarship
- Outstanding Student Cadre
- Advanced Individual Volunteer Award
- Level 2 & 3 Certificate, National Computer Rank Examination (China)
- National Psychological Committee Training Certificate (China)