



# Cynthia Ding

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## Profiles

 [Cynthia](#)

 [Personal Blog](#)

## Summary

- Xi'an Jiaotong University | Bachelor | Big Data and Smart City | **Graduate in June 2025**
- Outgoing and confident, with strong communication and coordination skills.
- Proficient in Git and VSCode, expert in Markdown and LaTeX .
- Capable of working effectively in an English-speaking environment(IELTS 7.5).**
- Seeking a position in front-end/back-end/full-stack development.

## Education

<b>Xi'an Jiaotong University</b> Big data and smart city GPA 3.4/4 (Top 20%)	<b>2021.9-2025.6</b> Bachelor	<b>National Taiwan University of Science and Technology</b> Software engineering 3.5/4	<b>2024.2-2024.6</b> Exchange learning
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## Languages

<b>English</b> IELTS 7.5	<b>English</b> CET4-620	<b>English</b> CET6-570	<b>French</b> CEFR-A2	<b>Mandarin</b> native language
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## Experience

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| <b>Siemens MES System Development Intern</b><br>Siemens Digital Industries  | <b>2024.7-present</b><br>Xi'an, Shaanxi |
| <ol style="list-style-type: none"><li>Develop MES system functions based on VMWare virtual machines and dock with the upper-level ERP system APIs.</li><li>Write test cases tailored to the project requirements and test the MES system's functionality across material calling, production, inspection, and traceability.</li><li>Use standard tools to configure automated reports based on SQL Server and Oracle.</li><li>Prepare URS (User Requirement Specification) analysis reports, technical documentation and operation manuals in both Chinese and English.</li></ol> |   |
| <b>State Grid - Web Development Intern</b><br>Digital Technology Department   | <b>2023.7-2023.8</b><br>Weinan, Shaanxi |
| <ol style="list-style-type: none"><li>Developed web pages using native JavaScript based on UI designs and requirement documents.</li><li>Assisted in web traffic monitoring, log analysis, and other management and maintenance tasks.</li><li>Resolved technical issues encountered by users when using computers and accessing websites.</li></ol>  |   |

## Projects

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| <b>Full-Stack Project: Movie Review Website ( React + SpringBoot )</b><br>Tech Stack: React, SpringBoot, MongoDB, Vercel<br><a href="https://www.cynthiadxy.asia/project/">https://www.cynthiadxy.asia/project/</a>   | <b>2024.5-present</b> |
| <ol style="list-style-type: none"><li>Implemented SPA (Single Page Application) using React Router for route management and page navigation.</li><li>Utilized Axios library to automatically convert JSON data and simplify the process of making HTTP requests within the project.</li><li>Posted user reviews to the appropriate arrays via database API, ensuring real-time updates to the website's state.</li><li>Annotated movie and review classes with @RestController and @RequestMapping to match corresponding URLs.</li><li>Added dotenv dependency to store MongoDB credentials in a .env file, preventing password leaks during github uploads.</li><li>Configured the MongoDB database and used the official Compass app for visual data management and adjustments.</li></ol> |                       |
| <b>First Prize in 5th China Intelligent Robot Combat and Competition</b><br><a href="http://www.robo-maker.org/">http://www.robo-maker.org/</a>   | <b>2023.7-2023.8</b>  |
| <ol style="list-style-type: none"><li>Mastered terminal commands in the Linux system architecture, and achieved machine vision recognition and task completion using OpenCV.</li><li>Implemented image classification and object detection on the Raspberry Pi using the TensorFlow Lite neural network framework.</li><li>Served as team leader, organizing team members for technical discussions and advancements, and managed the registration and preparation for eight teams from our school.</li><li>Founded the "Intelligent Robot Combat and Competition Association," prepared and submitted the required documentation for establishment, and recruited 30+ students as initial members.</li></ol>   |                       |

Skills	JS	Java	C++/C	Python
Awards	Outstanding Student Award Xi'an Jiaotong University		2023.10 Third-Class Scholarship Xi'an Jiaotong University	2023.10
Publications	omprehensive Research on Thermal Comfort in Xi'an Xingfu Forest Belt			2023.9-present
	<div><div>1. Studied the daily and annual variations in temperature, humidity, wind speed, sunlight, and air quality in the Xingfu Forest Belt urban park, based on data from meteorological monitoring stations. Analyzed the reasons behind these variations.</div><div>2. Utilized the Temperature Comfort Index (TCI), Air Quality Index (AQI), and Wind Chill Index (WCI) to assess the impact of changes in natural environmental factors on human health and comfort.</div></div>			
Volunteering	Served as Activity Leader for the Student Creativity Club			2021.10-2023.9
	<div>Activity leader</div> <div><div>1. Led a campus stray animal care initiative, organizing 30+ students to build shelters for stray animals on campus.</div><div>2. Led an event promoting traditional Chinese cloisonné enamel art, organizing 20+ students to participate in hands-on workshops, allowing them to experience the charm of this traditional cultural art through practice.</div><div>3. Organized and participated in Xi'an Jiaotong University's largest annual club recruitment event, "Clubs Battles", assisting in recruitment preparations and successfully attracting 50+ new members to the club.</div></div>			
	Third Group Prize in 4th Global Governance Innovation Youth Training Workshop			2022.11-2022.12
	<div>Team leader</div> <div><div><a href="https://news.xjtu.edu.cn/info/1033/190352.htm">https://news.xjtu.edu.cn/info/1033/190352.htm</a></div><div>Description: This project introduced the opportunities and challenges faced by international organizations in the context of cultural heritage protection through real-life case studies. Participants were required to work in groups and present practical recommendations for the protection and development of Xi'an's cultural heritage.</div><div><div>1. Stood out among 150+ participants and was nominated as one of the 10 candidates for the final selection of Outstanding Camp Member.</div><div>2. Served as the leader of an eight-member group, leading the team to achieve third prize in the final evaluation.</div></div></div>			