

# Wei-Chi Wu

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## EDUCATION

<b>National Taiwan University</b> , Bachelor in Computer Science and Information Engineering	Taipei, Taiwan
<ul style="list-style-type: none"><li>GPA: 4.19/4.3 (2023 Fall), 4.19/4.3 (2024 Spring), 4.16/4.3 (2024 Fall)</li><li>Rank: #15/144 (2023-24 Full-year)</li><li>Relevant Coursework: Introduction to Generative Artificial Intelligence, Machine Learning, Information Retrieval, System Programming, Operating System</li></ul>	Aug 2023 – Jun 2027 (Expected)
<b>The 48th Annual International Collegiate Programming Contest Asia Taoyuan Regional Contest</b> , Bronze Award	Taoyuan, Taiwan Nov 2023

## RESEARCH EXPERIENCE & PROJECT

<b>Machine Discovery and Social Network Mining Lab</b> , NTU CSIE, Research Student	Taipei, Taiwan Dec 2024 - Present
<ul style="list-style-type: none"><li>Researched on prompt optimization of large language model to improve web-browsing ability</li><li>Designed experiments and analyzed reasons of underperformed large language model</li></ul>	
<b>Institute of Information Science, Academia Sinica</b> , Research Intern	Taipei, Taiwan Jul 2024 – Aug 2024
<ul style="list-style-type: none"><li>Participated in developing Kuwa, a generative-AI orchestrating system</li><li>Integrated technical documents and developed GenAI bot applications</li><li>Wrote an user manual for system and a building script to popularized system to public entities</li></ul>	
<b>Project: Approximate Pronunciation Chinese Idioms Query System and Algorithm</b>	Kaohsiung, Taiwan Oct 2021 - Apr 2022
<ul style="list-style-type: none"><li>Designed an approximate sound compare algorithm and applied it to implement a searching system to find similar-sounded Chinese idioms using C++</li><li>Won first place award in 2022 Kaohsiung Science Fair computer category</li></ul>	

## WORK EXPERIENCE

<b>Algorithm Design and Analysis &amp; Data Structure and Algorithm</b> , Teaching Assistant	Taipei, Taiwan Nov 2024 – Present
<ul style="list-style-type: none"><li>Devised programming homework and corrected exam sheets for over 400 students</li><li>Conducted TA hour to provide students assist with lecture content and algorithm proof</li></ul>	
<b>Network Administration Team</b> , NTU CSIE, DNS Team Member	Taipei, Taiwan Oct 2024 - Present
<ul style="list-style-type: none"><li>Maintained department's public server, added DNS records, and allocated private IPs to department applicants</li><li>Collaborated with other teams to develop a cluster job management system to manage department shared GPU resources</li></ul>	

## ACTIVITIES

<b>Sprout Project Taipei C Class</b> , Lecturer	Taipei, Taiwan Nov 2023 - Present
<ul style="list-style-type: none"><li>Presented courses to high school students with potential interest in CS field</li><li>Prepared courses handouts using LaTeX and organized corporate visits</li></ul>	
<b>Official Programming Contest</b> , Problemsetter and Tester	Taipei, Taiwan Aug 2021 – Present
<ul style="list-style-type: none"><li>Designed problems for some major programming contests in Taiwan coding community such as YTP, Mock-NHSPC, IOICamp, and NTU Freshman ICPC</li><li>Reviewed and provided feedback to improve problems</li></ul>	
<b>Office of International Affairs</b> , NTU, International Student Volunteer	Taipei, Taiwan Jan 2024 – Jun 2024
<ul style="list-style-type: none"><li>Supported NTU's international students in registration, course-related information, and dormitory issue.</li></ul>	

## SKILLS

**Skilled Programming Languages:** C++, C, Python, Shell

**Languages:** Mandarin (Native), English (Fluent)