

YU-HSUAN WU

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RESEARCH INTEREST

Formal verification, program derivation, automata theory, and functional programming.

EDUCATION

National Taiwan University <i>B.B.A. in Information Management</i>	Taipei, Taiwan 09/2020 - 06/2024
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Taipei Municipal Chien Kuo High School <i>High School Diploma; Award of Taipei City Excellent Student</i>	Taipei, Taiwan 09/2017 - 06/2020
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RESEARCH EXPERIENCE

Institute of Information Science, Academia Sinica Advisor: Dr. Yu-Fang Chen, Quantum Computer Science Laboratory Research Assistant	Taipei, Taiwan 08/2024 - 12/2024
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National Taiwan University Advisor: Dr. Yih-Kuen Tsay, Software Validation and Verification Research Laboratory Research Assistant Undergraduate Research Student	Taipei, Taiwan 06/2024 - 12/2024 02/2024 - 06/2024
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National Taiwan University Advisor: Dr. Yeong-Sung Lin, Network Optimization Research Group Co-Advisor: Dr. Feng-Jung Yang, National Taiwan University Hospital Research Assistant Undergraduate Research Student	Taipei, Taiwan 07/2023 - 12/2023 01/2023 - 12/2023
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Institute of Information Science, Academia Sinica Advisor: Dr. Shin-Cheng Mu, Programming Language and Formal Methods Laboratory Summer Research Intern Research Student	Taipei, Taiwan 07/2023 - 08/2023 07/2022 - 06/2023
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TEACHING EXPERIENCE

IM2009 Algorithms, National Taiwan University Teaching Assistant	Taipei, Taiwan 09/2024 - 12/2024
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EMBA7003 Business Decision Making, National Taiwan University Teaching Assistant	Taipei, Taiwan 06/2024 - 09/2024
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IM1003 Programming Design, National Taiwan University Lead Teaching Assistant Teaching Assistant	Taipei, Taiwan 09/2023 - 01/2024 09/2022 - 01/2023
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IM2010 Operations Research, National Taiwan University Teaching Assistant	Taipei, Taiwan 02/2023 - 06/2023
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Calculus Remedial Teaching, National Taiwan University Lead Instructor Instructor	Taipei, Taiwan 09/2022 - 06/2023 09/2021 - 06/2022
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CONFERENCE EXPERIENCE

21st Asian Symposium on Programming Languages and Systems <i>Student Participant</i>	Taipei, Taiwan 11/2023
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MILITARY SERVICE

Republic of China Army <i>Infantry</i>	Taoyuan, Taiwan 12/2024 - 04/2025
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VOLUNTEERING EXPERIENCE

International Student Volunteer Program, National Taiwan University <i>Student Volunteer</i>	Taipei, Taiwan 09/2022 - 01/2023
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EXTRACURRICULAR ACTIVITIES

National Taiwan University Student Association <i>Minister, Information Department</i> <i>Vice Minister, Information Department</i>	Taipei, Taiwan 08/2023 - 07/2024 08/2022 - 07/2023
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NTUIM Baseball & Softball Team <i>Captain</i>	Taipei, Taiwan 08/2022 - 07/2023
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2022 NTU Azalea Festival <i>President, Department of Information Management</i>	Taipei, Taiwan 12/2021 - 03/2022
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Information Management Student Association <i>Minister, Activities Department</i>	Taipei, Taiwan 08/2021 - 07/2022
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2021 NTUIM Freshmen Welcome Party <i>Chairman</i>	Taipei, Taiwan 02/2021 - 10/2021
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SKILLS

Languages	Taiwanese Mandarin, English, Japanese
Programming Languages	C, C++, Python, Haskell, Coq, Java, JavaScript, TypeScript, SQL, \LaTeX
Technologies/Frameworks	Frama-C, Git, Docker, React, Vue, Node.js
Soft Skills	Organization, Creativity, Communication, Teamwork, Leadership