

YU-HSUAN WU

(+886)987953881 Taipei, Taiwan

maxyhwu.tw@gmail.com maxyhwu.github.io linkedin.com/in/maxyhwu/

RESEARCH INTERESTS

Programming languages and quantum computing.

EDUCATION

National Taiwan University <i>B.B.A. in Information Management</i>	Taipei, Taiwan 09/2020 - 06/2024
--	-------------------------------------

Taipei Municipal Chien Kuo High School <i>High School Diploma; Award of Taipei City Excellent Student</i>	Taipei, Taiwan 09/2017 - 06/2020
---	-------------------------------------

RESEARCH EXPERIENCE

Institute of Information Science, Academia Sinica Advisor: Dr. Yu-Fang Chen, Quantum Computer Science Laboratory Research Assistant	Taipei, Taiwan 08/2024 - Current
--	-------------------------------------

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
---	--

National Taiwan University Advisor: Dr. Yeong-Sung Lin, Network Optimization Research Group Research Assistant Undergraduate Research Student	Taipei, Taiwan 07/2023 - 12/2023 01/2023 - 06/2023
---	--

Institute of Information Science, Academia Sinica Advisor: Dr. Shin-Cheng Mu, Programming Languages and Formal Methods Laboratory Summer Research Intern Research Student	Taipei, Taiwan 07/2023 - 08/2023 07/2022 - 06/2023
---	--

TEACHING EXPERIENCE

IM2009 Algorithms , National Taiwan University Teaching Assistant	Taipei, Taiwan 09/2024 - 12/2024
---	-------------------------------------

EMBA7003 Business Decision Making , National Taiwan University Teaching Assistant	Taipei, Taiwan 06/2024 - 09/2024
---	-------------------------------------

IM1003 Programming Design , National Taiwan University Lead Teaching Assistant Teaching Assistant	Taipei, Taiwan 09/2023 - 01/2024 09/2022 - 01/2023
--	--

IM2010 Operations Research , National Taiwan University Teaching Assistant	Taipei, Taiwan 02/2023 - 06/2023
--	-------------------------------------

Calculus Remedial Teaching , National Taiwan University Lead Instructor Instructor	Taipei, Taiwan 09/2022 - 06/2023 09/2021 - 06/2022
---	--

CONFERENCE EXPERIENCE

21st Asian Symposium on Programming Languages and Systems

Student Participant

Taipei, Taiwan

11/2023

MILITARY SERVICE

Republic of China Army

Infantry

Taipei, Taiwan

12/2024 - 04/2025

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

VOLUNTEERING EXPERIENCE

International Student Volunteer Program, National Taiwan University

Student Volunteer

Taipei, Taiwan

09/2022 - 01/2023

OTHER EXPERIENCE

National Taiwan University Student Association

Minister, Information Department

Vice Minister, Information Department

Taipei, Taiwan

08/2023 - 07/2024

08/2022 - 07/2023

NTUIM Baseball & Softball Team

Captain

Taipei, Taiwan

08/2022 - 07/2023

2022 NTU Azalea Festival

President, Department of Information Management

Taipei, Taiwan

12/2021 - 03/2022

Information Management Student Association

Minister, Activities Department

Taipei, Taiwan

08/2021 - 07/2022

2021 NTUIM Freshmen Welcome Party

Chairman

Taipei, Taiwan

02/2021 - 10/2021