

Arthur Ho Wang, Li

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EDUCATION

Ph.D. in Natural Environmental Studies	April 2024 - Present
Graduate School of Frontier Sciences, The University of Tokyo (UTokyo), Chiba, Japan; expected: March 2027	
M.Phil in Natural Environmental Studies	April 2022 - March 2024
Graduate School of Frontier Sciences, The University of Tokyo (UTokyo), Chiba, Japan; grade: 4.0/4.0	
B.Sc. (Hons) in Earth System Science	August 2016 - August 2021
The Chinese University of Hong Kong (CUHK), Hong Kong SAR; honours: Second Class Upper Division (2:1).	
Exchange Programme at Keio University (GPA: 3.4/4)	September 2019 - August 2020

SKILLS

Language	Cantonese (native), Mandarin (native), English (TOEFL iBT 98), Japanese (JLPT N1)
Programming	Python (3 years), Fortran (2 years), shell script (2 years), R, C, HTML & CSS (1 year)
Technical	Linux, Google Earth Engine Code, AWS, Network & Security (FE & SG certified by IPA)

WORK EXPERIENCE

Microsoft Japan Customer Success Account Manager, Internship	August 2024 – September 2024
<i>Customer Success Unit, Microsoft Japan</i>	
<ul style="list-style-type: none">Generated JPY 2.25M profit by leveraging AI tools to identify stakeholder needs via cross-functional collaboration.Achieved 4.73/5 satisfaction rate by presenting 3 solutions to enhance team efficiency using Copilot for M365.Organized an SDGs event with 30+ cross-division attendees by developing an app using Power Apps and Power BI.Won 1st place in the final assessment for proposing a D&I solution, evaluated on idea, presentation, and collaboration.	
Hong Kong Chronicles Centre (NPO) Project Research Assistant	July 2021 - March 2022
<i>Hong Kong Chronicles (Natural Environment) – Meteorology Group, Hong Kong SAR</i>	
<ul style="list-style-type: none">Achieved an 80% workload reduction by streamlining data ETL processes using web scraping techniques and Python.Provided IT support to a group of 8 senior leaders by managing data collection and delivering meeting summaries.Contributed to a peer-reviewed book (ISBN 978-988-8860-78-4) by providing critical metrics for data-driven analysis.	

PROJECTS

Retrieval of greenhouse gases using satellite hyperspectral data	April 2022 – present
<ul style="list-style-type: none">Led a team of 3 from UTokyo and Cambridge by managing the full product lifecycle from concept to validation.Accomplished 3 peer-reviewed presentations by engaging 30+ attendees in cross-cultural context in conferences.	
Development of real-time aviation emission model in Hong Kong	September 2020 – August 2021
<ul style="list-style-type: none">Built an aircraft signal receiver with Raspberry Pi, collecting 3M+ flight records to support model development.Addressed a 31% underestimation in official data by drafting an internal report submitted to Hong Kong government.	

FELLOWSHIP & EXTRACURRICULAR ACTIVITY

Support for Pioneering Research Initiated by Next Generation to Green Transformation (SPRING-GX)	
<i>Japan Science and Technology Agency (JST), Japan</i>	April 2024 – Present
<ul style="list-style-type: none">Awarded JPY 2.52M annually as measured by the ability to align innovative research with societal needs.	
Voluntary Leader and Tutor	August 2016 - 2021
<i>Kwan Tong Fuk Lam Church, Hong Kong SAR</i>	
<ul style="list-style-type: none">Supervised the well-being of a group of 8 boys and girls by demonstrating empathy and conflict resolution.Organised 4 events engaging 100+ attendees to promote mental health awareness through music and mini games.	