

EDUCATION

Bachelor of Science

Sep. 2018-2022

The Hong Kong University of Science and Technology (HKUST)

- Major: Environmental Science; Minor: Sustainability

INDUSTRIAL EXPERIENCE

Green Innovative Project Team Member

July - Aug. 2021

Summer Institute for China's Green Innovators, Tsinghua University & Apple Inc.

- Cooperated with teammates in researching new carbon label calculation methods and design
- Responsible for literature review and matching the existing indicators, methods and designs with current development model and client psychoanalysis
- Proposed a set of green innovation schemes based on product low carbon index to improve the calculation methods, calculation, visualization, and interactive label design

Achievements:

- Won the **First Prize** in the 6th China Green Innovation Competition
- Plan submitted to the Ministry of Ecology and Environment, PRC, as a policy recommendation

Consultant

Feb – May. 2021

Division of Environment and Sustainability, HKUST

- Collaborated with students and faculty members to address policy and sustainability issues on campus
- Assisted the HKUST CMO for improving parking plans, aiming at achieving sustainable solutions

Research Assistant

Feb – May. 2021

Environmental Central Facility, HKUST

- Collected and analysed data from air quality monitoring machines
- Extracted volatile organic compounds from air quality samples on HKUST campus

WORKING EXPERIENCE

Intern

Jan - Mar. 2022

Climate Change & Sustainability Services, Ernst & Young Ltd.

- Prepared climate risk identification decks and carbon emission calculation for major clients by using CatNet, Aqueduct and IPCC data
- Wrote ESG reports and ESG Capital Markets Rating Gap Analysis and Recommendations for clients
- Performed market research and update internal database including MSCI ESG rating, Sustainalytics, GRI and carbon market

Part-Time

Sep - Oct. 2021

Changsha's dual carbon action project, Tsinghua University

- Benchmarked London for setting dual carbon pathway for Changsha city
- Summarised Carbon reduction hotspot analysis for policy making

Intern

July - Aug. 2021

Environmental Development Center of Ministry of Ecology and Environment, China

Environmental United Certification Center Co.Ltd.

- Investigated the China National Standard related to carbon emission and supply chain
- Summarised the problems of eco-labelling and carbon footprint in China
- Proposed assessment strategies of low carbon index to meet customers' needs

SKILLS

Carbon Manager Training (2021), qualified by the National Professional Qualification Training & Authentication Experimental Base

First Runner-up, 2018 Sabre Fencing Contest (Hong Kong Kowloon B Grade)

Proficient in MATLAB, VBA, Gabi(LCA), Python(Data assimilation in Kalman filter)

Peer Counsellor Trainee of Counselling & Wellness Centre of HKUST

Fencing Coach of Chai Wan Kok Catholic Primary School (2018)