

Weng Lu Yao

Quantity Surveyor

A Project and Facilities Management graduate working as a Quantity Surveyor, with experience in providing engineering solutions valuation and cost planning consultations.

KEY SKILLS

- JavaScript, HTML/CSS
- React
- Python, Pandas
- SPSS
- CostX, Revit

RLB TRAINING

Quantity Surveyor

Aug 2019 – Present

- Cost Management and Control
- Tender Report Preparation
- Tendering Procedures
- BIM (Fundamental & Concept)

EDUCATION

BSc Hons in Project and Facilities Management

National University of Singapore
Aug 2015 – Jun 2019

Architecture: Engineering Division

National Cheng Kung University, Taiwan
Sept 2017 – Jan 2018

Subjects included: Building Information Modelling (BIM), Facilities Planning and Design, Measurement (Building Works)

Others: Hackwagon DS101: Introduction to Python Programming, DS102: Data Analytics with Python, Udemy: The Modern JavaScript Bootcamp, Modern React with Redux

LANGUAGES

English (native), Mandarin (native), French (limited working proficiency)

INTERESTS & ACTIVITIES

Interests – Competitive programming on Kattis using Python, food blogging, writing

Volunteer – Built a community classroom, conducted English lessons for 100 underprivileged children in Laos.

Leadership – Welfare director for NUS Building and Estate Management Society Club: Led a team of 8 members to obtain \$1500 sponsorship from Great Eastern and engaged the students with welfare events.

EXPERIENCE

Quantity Surveyor

Rider Levett Bucknall LLP

Aug 2019 – Present

Managed a portfolio of construction developments (Residential/ Commercial)

- Carried out post-contract administration from contract documentation, valuations and variations to ensure the timely delivery of the project and within the projected budget.
- Prepared and presented cost plan to facilitate and fulfil client's requirement within the agreed budget.
- Cultivate strong ties with contractors and clients to negotiate any price differences swiftly and amicably.
- Responsible for conducting in-house trainings for CostX to more than 50 Quantity Surveyors improving their productivity by 20% through equipping them with new technical skills that are in line with industry standards.

Python Project

Hackwagon Singapore

Aug 2020 – Sep 2020

Investigated local university education in relation to demands of the various industries' manpower needs in Singapore

- Analysed and assessed government recruitment and job vacancy datasets using Pandas and Python.
- Concluded that Singapore's university education meets the demands of the manpower needs in various industries by using mean and linear regression analysis.

FYP: Pro-environmental Spillover Research

National University of Singapore

Aug 2018 – Mar 2019

Conducted a research on effectiveness of spillover effects in improving pro-environmental strategies

- Recruited more than 200 households to participate in a 6-weeks study where weekly electricity, water and gas usage were recorded to study their energy behaviours.
- Using visual, statistical methods, non-parametric test for correlation, multiple regression and mediation analysis in SPSS to test the datasets.
- Results showed that intervention improved electricity behaviours and it positively spilled over to other pro-environmental behaviours.

Internship

EM Services Pte Ltd, Singapore

May 2018 – Aug 2018

Property Management for hostel services

- Initiated and present a proposal to collaborate with Airbnb and received positive feedback from Airbnb for future collaboration.
- Oversaw maintenance and rectification work, making sure that they are completed within the stipulated deadline