

Kittitat Teachadumrong

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Link in bio: https://bit.ly/m/kittitat_t

Career Goal

As a postgraduate student in the field of energy and electrical engineering, I am motivated by a data-driven approach and am eager to dive into new things. I consider myself a self-taught learner, and I strongly believe that I have the ability to acquire knowledge in order to drive change towards sustainability in the energy sector.

Education

MSc of Energy Systems and Data Analytics - University College London (2023 - present)

Bachelor of Electrical Engineering, First Class Honours - Kasetsart University (2017 - 2021)

Thesis project: Calculation of Underground Cable Impedance by Carson's Method

Experience

Engineer level 4, EGAT (Electrical Generating Authority of Thailand) (2020 - present)

- Evaluate and determine the potential of research proposals at the research and innovation division.
- Researcher, "Research and prototype development of EGAT's DC fast charge system", installed on-board charger 5.5 Kw and integrated PLC to CAN converter with VCU between 214 Kwh and 175 Kw CCS2 charger.
- Project coordinator and Research contract manager, Pilot project for study electric-powered passenger boat for public and developing the connection point for "wheel, rail and boat"; administering the contract, keeping track of the project progress, monitoring project timelines, collecting and analysing data on the performance of electric boats. "EV boat charging station" and "Smart pier at Rama VII", overseeing and managing the construction contracts.

Skills/ Language

- English: IELTS overall 7.5 (Listening 8, Reading 8, Writing 7, Speaking 6.5)
- Skills: Programming {Python, R, SQLite}, Google Sheets, Dashboard,, Stat+ML (introduction)

Certificate

- Licence for Professional Electrical Engineer at Council of Engineers Thailand (ID: 2021)
- Data Analysis Using Python, Coursera (ID: 2021)
- Introduction to Data Studio, Google Analytics Academy (ID: 2023)
- IELTS (ID: 2022)

Portfolio

- Python
- R
- SQL
- Google Sheets