Curriculum Vitae

(i) Name: Lunlong Li

(ii) Academic qualifications

Bachelor of Architecture	Southeast University, China	2024

(iii) Present academic position

PhD student	The Hong Kong University of Science and Technology, Hong Kong SAR	Now

(iv) On-going research work

1. Lead Doctoral Researcher, Sustainable Smart Campus as a Living Lab Project: "Smart Charge HKUST: EV-Building Load Synergy" (Application stage, shortlisted) 2026 - now, *The Hong Kong University of Science and Technology*
2. Lead Doctoral Researcher, "Coordinating Multiple UPS Batteries for Load Shifting and Cost Reduction", 2024 - now, *Tencent Inc. & The Hong Kong University of Science and Technology*
3. Doctoral Researcher, "Flexibility Assessment and Control Technology for Building Cluster-EV-Grid Interaction", 2024 - now, *National Grid & The Hong Kong University of Science and Technology*

(v) Previous relevant research work

1. Student researcher, "Potential for Energy-Efficient Renovation of Urban Buildings", 2020-2021, *Southeast University*

(vi) Publication records (During study at HKUST)

1. **Li, Lunlong**, Yi Ju, and Zhe Wang. "Quantifying the Impact of Building Load Forecasts on Optimizing Energy Storage Systems." *Energy and Buildings* 307 (March 2024): 113913. https://doi.org/10.1016/j.enbuild.2024.113913.
2. **Li, Lunlong**, Yi Ju, Scott Moura, and Zhe Wang. 2025. "Shaving Monthly Peak Load by Overestimating Future Load in Microgrid Model Predictive Control." (June 2025) Building Simulation, vol. 19: 0–0. https://doi.org/10.26868/25222708.2025.1349.
3. Yi Ju, **Li, Lunlong**, Jingchun Wang, Scott Moura, "Unveiling the Full Potential of Mobility-aware Coordinated Electric Vehicle Charging for Regional Grid Resilience." American Control Conference 2026, Accepted
4. Mohebi Parastoo, Ziqi Hu, **Li, Lunlong**, Farzin Golzar, and Zhe Wang. 2026. "Optimal Battery Sizing Using Stochastic Programming to Consider Building Load Variation and Peak Demand Charge." *Energy Conversion and Management* 348 (January): 120794. https://doi.org/10.1016/j.enconman.2025.120794.
5. Jingchun Wang, Yi Ju, **Li, Lunlong**, Zhe Wang, Xinyi Wang, Bhuvan Atluri, Jinhua Zhao and Scott Moura, "Unveiling the Full Potential of Mobility-aware Coordinated Electric Vehicle Charging for Regional Grid Resilience." Transportation Research Board 2026, Accepted

(vii) Others (selected awards & honors, services)

Selected awards & honors

1. National Scholarship, Ministry of Education, China, 2021
2. Academic Excellence Award, Southeast University, 2022 & 2023
3. Hong Kong PhD Fellowship Scheme, 2024-2028

Selected services

Journal Reviewer	- *Energy*
	- *Energy & Buildings*
Conference Reviewer	- *American Control Conference (2026)*
	- *Transportation Research Board (2026)*
Session Chair	- *Building Simulation Conference (2025), Brisbane*