

Fan Feng

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PROFESSIONAL SUMMARY Extensive research experience on building performance.
Creativity, passionate commitment, and strong skills in engineering.

STANDARDIZED TESTS

- GRE: Verbal 160, Quantitative 167, Analytical Writing 4.

EDUCATION

M.S.	Sep, 2015 – Mar, 2018
❖ Tongji University	
• Major: Building Performance & Diagnostics	
• Advisor: Peng Xu	
B.Eng.	Sep, 2011 – Jul, 2015
• Major: Heating, ventilating and air-conditioning GPA: 4.47/5.00	

PUBLICATIONS

- [1] Fan Feng, Zhengwei Li, Yingjun Ruan, and Peng Xu. "An Empirical Study of Influencing Factors on Residential Building Energy Consumption in Qingdao City, China." *Energy Procedia* 104 (2016): 245-250.
- [2] Ruan, Yingjun, Jiahui Cao, Fan Feng, and Zhengwei Li. "The role of occupant behavior in low carbon oriented residential community planning: A case study in Qingdao." *Energy and Buildings* 139 (2017): 385-394.
- [3] Fu, Yangyang, Zhengwei Li, Fan Feng, and Peng Xu. "Data-quality detection and recovery for building energy management and control systems: Case study on submetering." *Science and Technology for the Built Environment* 22, no. 6 (2016): 798-809.
- [4] Fan Feng, Zhengwei Li. "A Methodology to Identify Multiple Equipment Coordinated Control with Power Metering System". Accepted to international conference on applied energy(ICAEE),2016.
- [5] Fan Feng, Zhengwei Li, Zhaoning Zhang,Guang Yang, et al. "Automated method to identify the expert systems for supervisory controls in building systems ". Accepted to international conference on applied energy(ICAEE), 2017.
- [6] Fan Feng, Zhengwei Li. "Data Mining Based Framework to Identify Rule Based Operational Strategies for Buildings with Power Metering System". Submitted to *Automation in Construction* (under review).
- [7] Fan Feng, Yangyang Fu, Jin Hou, Peng Xu. "Optimizing the topologies of HVAC water systems in supertall buildings: a pilot study". Submitted to *Science and Technology for the Built Environment* (Accepted)
- [8] Fan Feng, Zhengwei Li, Yingjun Ruan, Yunfeng Zhao, Jin Huang, "Influencing factors of residential building energy consumption: a case study in Qingdao".Submitted to *Energy Efficiency* (under review)

SKILLS

Programming languages

Python (familiar), matlab(familiar), VBA(familiar), SQL, HTML/CSS/JavaScript, C/C++,
R, Java

Tools/Softwares

Trnsys(familiar), Energyplus(familiar), ANSYS Fluent

AWARDS

- ENN scholarship 2016
- China national scholarship 2013
- First prize outstanding scholarship 2013