

EDUCATION

Carnegie Mellon University, Pittsburgh, PA

Expected Graduation date: May 2020

*Master of Science in Building Performance and Diagnostics**QPA: 3.76/4.00**Relevant Coursework: Building Performance Modeling, Building Controls and Diagnostics, Performance of Advanced Building Systems, Productivity, Health and the Quality of Buildings, Statistical Reasoning with R, Data Visualization, Fundamental of Programming and Computer Science, Java for Application Engineers***Chongqing University**, Chongqing, China

Sept. 2014-Jun. 2018

*Bachelor of Engineering in Building Environment and Energy Application**Minor: Business**2nd Class University Scholarship for Outstanding Student (top 5%)***EXPERIENCE**

Carnegie Mellon University, Pittsburgh, PA

Aug. 2018 -present

Research Assistant

- Conduct the Post Occupancy Evaluations of buildings on campus
- Update the current POE standards and the NEAT cart

China United Engineering Corporation, Hangzhou, China

Aug. 2017 - Jul. 2017

HVAC Engineer Intern

- Designed the HVAC system in buildings according to the codes, standards and clients' requirements
- Wrote a program used to calculate the number of radiators

Panasonic Home Appliances R&D Center (Hangzhou) Co., Ltd. Hangzhou, China

Jan. 2017-Feb. 2017

R&D Intern

- Took charge of 3D modeling and design of products in the team
- Conducted product performance testing in the lab to ensure the quality

Student Research Project: Advanced Combined Heating System of Air Source Heat Pumps, Solar Energy and Energy Storage Devices, in Dormitory, Chongqing, China

Jun. 2017-Feb. 2018

Leader

- Led a 4-person team to conduct research
- Designed a tailored HVAC and DHW system according to local climate change and thermal loads

The UK-China EPSRC/NSFC funded 'Low Carbon Climate-Responsive Heating and Cooling of Cities' (LoHCool),*Research Member*

Jul. 2016 - Aug. 2016

- Investigated information concerning building location, height, area, shape, etc. in Chongqing, China
- Sorted out and analyzed data in preparation for modeling

HONORS

Prize for Excellence, National University Student Science Contest on Energy Saving & Emission Reduction Oct. 2016

Advanced Individual Award of Sci-tech Academic Innovation (3/ 169) Dec. 2015

SKILLS

AutoCAD, REVIT, EnergyPlus, eQUEST, DesignBuilder, ANSYS, Photolux, MATLAB

Python, C, C#, Java, HTML, R

LEADERSHIP ACTIVITIES

Dare to Dream, AIESEC, Chongqing, China *Team leader*

Feb.2015-Aug.2015

- Led and coordinated a 5-person team to accomplish the project