XUEYAN WANG

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Education

Carnegie Mellon University	Pittsburgh, PA
Master of Science in Architecture-Engineering-Construction Management (STEM)	December 2019

GPA: 3.69/4.00
Relevant Coursework: Engineering Economics, Project Planning and Reporting, Database Management, Python
19 Spring: BIM, GIS, Infrastructure Management, Real Estate, Writing for Management

Dalian University of Technology	Dalian, China
Bachelor of Civil Engineering	July 2018

Relevant Coursework: Programming for Engineering(C/C++), Probability, Material Mechanics

University of Los Angeles	Los Angeles, CA
Summer Session	September 2017

Relevant Coursework: Leadership Principles and Practice, Economic Toolkit

Skills

Software: Microsoft Word/PowerPoint/Project/Access, Revit, Auto CAD, Midas, Navisworks, pathfinder
Programming Languages: Python(intermediate), SQL(intermediate), C/C++ (entry level)
language: English, Chinese (Native Speaker)
Multi-media: Photoshop, Lightroom, Adobe Illustrator, Camtasia

Experience

Carnegie Mellon University	Pittsburgh, PA
Job title 1: Research Assistant in Alumni Interview	Fall 2018

- Strengthen the School of Architecture's network by researching alumni, interviewing them, and co-authoring articles
- Plan the work schedule and distribution of co-workers

Job title 2: Assistant of CMU U.S.-China Innovation and Entrepreneurship Association	Spring 2019

- Initiated & led communication with primary speaker and five potential panelists for the Big Data panel of technology summit

Projects

Carnegie Mellon University	Pittsburgh, PA
Project 1: Design of Database with Access	Fall 2018

- Identified key tasks of team project in a group of three, organized a plan to establish the database based on given materials, and executed it

Project 2: Design-Add-Value analysis of San Francisco Federal Building	Fall 2018

- Supplied economic analysis, basically cost-benefit ratio, and life cycle analysis of SFFB

Dalian University of Technology	Dalian, China
Project 1: Management of Construction project with BIM technology	Spring 2018

- In three weeks, learned to operate five relating BIM software (Revit, Microsoft Project, Navisworks, Pathfinder, Fuzor)
- Based on BIM simulation results, planned and adjusted construction schedule

Project 2: Design of high-rise building	Fall 2017

- Managed 4-member design team focused on design a 28-storey building; always won high score on weekly-based report because of design idea, team corporation and presentation

Competition

ASCE Steel Bridge Competition	Troy, NY
Position: Publicity Director of Dalian University of Technology Team	Spring 2018

- Analyzing structure of steel bridge with Midas-Bridge based on self-directed learning
- Negotiated with manager of manufactory about project price and schedule and mitigated conflicts among different sides
- Prepared publicity materials like presentation materials and poster