

Guankun du
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OBJECTIVE:

To obtain a full time position in the field of structural engineering.

EDUCATION:

Stevens institute of Technology, Hoboken, NJ

Master of Science in Civil Engineering, anticipated May 2015 GPA:3.0

Shandong jianzhu University, Shandong, Jinan, China

Bachelor of Science in Civil Engineering, July 2013 GPA:3.0

EXPERIENCE:

Shandong Gold Group Co.Ltd, Jinan, Shandong, China

Structural Engineering Summer Inter 07/12-08/12

- Develop construction organization of 28 high-rise building
- Calculate structure sheet with PKPM
- Cooperated with the construction crew in technical problems
- Inspected and accepted reinforcing steel bars of stories

Shandong jianzhu University, Shandong, Jinan, China

09/10-10/10

The structural design competition of Shandong jianzhu University

- Research Assistant and Team Leader, Department of Civil engineering
- Make overall plan of the project
- Design the model of the work using AutoCAD, MATLAB, ABAQUS
- Summarize the result and report to the instructor for closing of the project

COURSE DESIGN:

Department of Civil Engineering, Shandong jianzhu University

Construction Organization Design

- Simulate construction of 4-story teaching building; fabricated the construction site map and
- workload calculation sheet; drew the construction flow chart using A0 grid paper

Architecture Steel Structure Design

- Designed the steel structure of a factory building, including layout of roof, bearing column and reinforced concrete foundation; designed structure elements and checked computation of the bearing capacity and stability of structure elements.

Concrete Structure Design

- Designed the roof of an annex of a hydraulic power plant using reinforced concrete beam plate, including structural layout, plate design, primary and secondary beam design
- Fundamental Engineering

RELEVANT COURSES:

Advanced Structural Analysis Reinforced Concrete Structures Steel Structures
Heavy Construction Estimate Geotechnical Design

SKILLS:

Computer Software: AutoCAD; ABAQUS; MS Office Suite; MATLAB.

Language: Chinese and English