

Summary of Qualifications

Pursuing a bachelor's degree in Civil Engineering while performing part-time jobs; dedicated, highly self-motivated, multi-tasking, eager to learn, team-oriented, creative, honest, and reliable; proficient in MS Office, Project-Wise and CADD programs, fluent in Chinese.

Education

- Polytechnic Institute of New York University** Brooklyn, NY Expected May 2011
- B.S. in Civil Engineering
 - Minor in Finance and Construction Management
 - Cumulative GPA: 3.80
- Rockefeller University** New York, NY 2006-2007
- Laboratory Animal Science Program
 - Completed nine months academic and work study certificate program as Laboratory Animal Technician

Work Experiences

- New York State Department of Transportation** Long Island City, NY 2008-Present
- Environmental Engineering Analyst and CADD Technician, Design Unit, Region 11 (NYC)*
- Responsible for Micro-Station CADD drafting and modifications
 - Analyze highway designs and air quality & hazard waste monitoring
 - Ensure the vehicles' emission on highway designs satisfy state and city standards
 - Suggest further improvements of the transportation reports on the review summaries
 - Worked full-time during summer and part-time during academic semesters
- Polytechnic Institute of New York University** Brooklyn, NY 2008-Present
- Teaching Assistant in General Engineering Department*
- Introduce general engineering knowledge to students and assist them with performing projects and homework
 - Maintain equipments' condition and innovate new projects and ideas for educational purposes
 - Exhibit team-working and communication skills in a professional community
- Polytechnic Institute of New York University** Brooklyn, NY 2008-Present
- Tutor of Special Service Tutoring Center, Teaching Assistant in Statics & Dynamics and Mechanics of Materials*
- Teach students about Statics & Dynamics and Mechanics of Materials also help them with tests and homework
 - Grade and report results to Professors
 - Exhibit both communication skills and patience
- Comparative Bioscience Center at Rockefeller University** New York, NY 2006-2008
- Laboratory Animal Technician*
- Performed teamwork and specific assignments accurately, 12 hours in a week
 - Proficient in performing husbandry with laboratory animals, including room sanitation, cage changing, and health observation

Engineering Projects

- Polytechnic Institute of New York University** Brooklyn, NY Spring 2009
- American Society of Civil Engineer national steel bridge competition*
- Design, calculate and test the steel bridge before the competition
 - Build the steel bridge by cutting steel, welding connections and installing parts with teammates
- The Cooper Union** New York, NY Summer 2006
- Certificate Program in Mechanical Engineering about Rube Goldberg Machine*
- Designed, built and presented a machine that operates itself through energy transformations

Professional Organizations

- Institute of Transportation Engineer (ITE)** 2008-Present
- Officer of ITE Student Chapter
 - Attend meeting about transportation engineering and networking with transportation professions
- Construction Management Association of America (CMAA)** 2007-Present
- Member of the CMAA
 - Attend regular conferences about construction management
- American Society of Civil Engineers (ASCE)** 2007-Present
- Student Chapter of ASCE
 - Attend and participate in ASCE competition

Honors

- Weisstuch Scholarship**, Polytechnic Institute of New York University Fall 2008-Spring 2009
- Registered Assistant Laboratory Animal Technician**, American Association for Laboratory Animal Science 2007-Present
- Dean's List**, Polytechnic Institute of New York University Fall 2007-Fall 2008