

## Yuen Man Lau, Jenny

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- Objective:** To obtain a summer co-op or internship position in the field of Civil Engineering that will best utilize my skills and abilities.
- Education:** **Polytechnic University**, Brooklyn, New York  
Bachelor of Science Degree in Civil Engineering, class of 2008  
GPA: 3.5 Major GPA: 4.0
- Honors/Awards:**
- Polytechnic University Dean's Scholarship II
  - Polytechnic University Promise Scholarship
  - University Dean's List (Fall 2005, Spring 2006)
  - Polytechnic University Student Activities Sliver Award
  - NYS Education Scholarship for Academic Excellent Award
  - USAA National Science Merit Award
- Experience:**
- Aug' 06 – Present **Teaching in Paul Robeson High School**  
*RAISE Teaching Fellow (Program funded by National Science Foundation)*
- Enhance students' achievement in standardized exams, by integrating modern sensing, instrumentation, and monitoring technologies in the laboratory curriculum
  - Provide high school teachers with technology proficiency, qualifications, and resources to integrate project-based learning in science curriculum and instruction
  - Teach living environment class and perform sensor based demonstrations illustrating phenomena discussed
  - Develop laboratory experiments integrating modern sensing, instrumentation and monitoring technologies for high school living environment course
- May' 06 – present **Parsons Brinckerhoff, New York, New York**  
Aug' 05 – Aug' 05 *Intern, Building and Transportation Facilities Department*  
New York City Housing Authority (NYCHA) Needs Assessment Report
- Responsible for quantity estimates (including calculating building quantities from architectural plans and site quantities using Geographical Information Systems (GIS)), QA/QC inspections, spread sheet support, program logistics, and financial data assistance related to the documentation of condition, serve maintenance requirements, needed repairs, and capital planning needs of 3,500 buildings belonging to NYCHA.
- BCAS Project for New York City Board of Education
- Responsible for site quantities estimate using Geographical Information Systems (GIS), QA/QC inspections of public schools located in all five boroughs.
- Sept' 05 – May' 06 **Teaching in Polytechnic University**  
*Recitation Teaching Assistant, General Engineering Department*
- Supervise development of various student projects
  - Evaluate students' weekly PowerPoint presentation
  - Demonstrate and model leadership, time and project management skill and cooperation skill to students
- Feb' 05 – May' 06 *Math and Static Dynamics Tutor, Special Services Department (TRIO)*
- Develop students' problem solving techniques
- Computer Skills:** MS Word, MS Excel, MS PowerPoint, MS Project, Auto-cad, Adina  
**Professional Leadership:** President of Chinese Engineering Organization (CEO)  
**Membership:** American Society of Civil Engineering (ASCE)
- Language:** English, Cantonese, Mandarin  
**References:** Available upon request