

maxwell scott chien, LEED AP

maxwell.chien@psu.edu | <http://www.engr.psu.edu/ae/thesis/portfolios/2008/mxc533/>
973.943.0886 | 42 south ashby avenue, livingston, new jersey 07039

objective To obtain a full-time engineering position in sustainable mechanical system design and to develop the skills necessary for professional licensure.

education **Integrated Master and Bachelor of Architectural Engineering**, ABET Accredited
Minor in Architectural Studies
The Pennsylvania State University, University Park, Pennsylvania
Cumulative GPA: 3.35/4.00
Fall 2003 - Spring 2008

Sede di Roma - Study Abroad Program
The Pennsylvania State University, Rome, Italy
Summer 2006

experience **Cannon Design | New York, New York**
HVAC Design Intern
Summer 2007, Winter 2006 and Summer 2006

Schematic

- Planned and analyzed overall system design and mechanical room layout.
- Attended meetings and took notes on program design and mechanical needs.
- Assessed and sketched existing mechanical units on job site.

Design

- Calculated system loads and evaluated them to meet ASHRAE standard and NYC building code.
- Selected and recommended units for system needs through reps and catalogs.

Construction

- Reviewed and commented on shop drawings.
- Evaluated job site to complete punch list.
- Analyzed mechanical noise problems and recommended solutions.

Projects NYU Medical Center, Pelham High School, Kean University, Saint Vincent Hospital, South Nassau Hospital, Ezra, PS/IS 798, New York Queens Hospital, Hackettstown Hospital

Arthur Metzler and Associates | New York, New York
HVAC Design Intern
Winter 2005 and Summer 2005

Schematic

- Assessed condition of job site space and existing mechanical units.
- Attended and took notes at inter-office scheduling and assignment meeting.

Design

- Calculated and designed mechanical systems for commercial spaces.

Projects Martha Stewart Living, American Golf Corporation, Jackson Hewitt, Private Residence

activities & achievements

Passed LEED NC 2.2 Exam	August 2007
Passed the FE Exam - Eligible for EIT upon graduation	April 2007
External Public Relations - ASHRAE Student Branch	Fall 2007 and Spring 2008
Teaching Assistant - Architectural Acoustics, Intro to AE Concepts	Spring 2007 and Fall 2007
Public Relations Coordinator - Habitat for Humanity Campus Chapter	Fall 2005 and Spring 2006

computer skills Mac OSX, Microsoft Office, Autodesk Autocad 2007, Autodesk Revit, Adobe Photoshop CS3, Dreamweaver CS3, Google SketchUp 5, Trane Trace, Carrier's HAP

fluent in english and mandarin