

# CHEUK TSANG

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**Senior Thesis Portfolio:** <http://www.engr.psu.edu/ae/thesis/portfolios/2013/cyt5046/>

## EDUCATION

<b>The Pennsylvania State University</b> , University Park	GPA: 3.52
• Bachelor/Master of Architectural Engineering	May 2013
<b>Engineer in Training (EIT) Certification</b> , Pennsylvania	May 2013
<b>Hong Kong University</b> , Hong Kong, China	GPA: 3.67
• Studio Project of Penn State China Study Abroad Program	July - Aug 2012

## HONORS

<b>Barton Associates 2<sup>nd</sup> Place Traditional Mechanical Thesis Project</b>	2012-2013
<b>Architectural Engineering General Scholarship</b>	2012
<b>SMART Grant</b>	2010 - 2011
<b>Dean List of Penn State University</b>	2008 - 2010

## RELATED COURSEWORK

<b>AE Senior Thesis Capstone Project</b> (AE 481W, 897G, and 497G)	Aug 2012 – Aug 2013
• Design a hybrid cooling system and its operation sequence based on present and future utility rate in the fuel economy	
• Re-design ductwork system with the consideration of structural and acoustical impact	
<b>Research Project</b> (ANTH 494)	Mar 2010 - Dec 2010
• Creating a virtual city model of an archaeological site in with the use of software: Revit Architecture and Structure, AutoCAD, ArchGIS	

## COMPUTER SKILLS

EnergyPlus	Trace700	Phoenics	AutoCAD	Autodesk Revit
Photoshop	MatLab	SolidWorks	Engineering Equation Solver	

## LANGUAGES

Chinese and English

## WORK EXPERIENCE

<b>Penn State Architectural Engineering Department</b>	University Park, PA	Aug 2011-2013
<i>AE Computer Lab Monitor (Work-study)</i>		
• Offer students computer assistance related to computer and Architectural Engineering software		
<b>Cido Research</b>	Hong Kong, China	May - June 2012
<i>Phone Interviewer</i>		
• Conduct phone interviews with commercial companies for market research purposes		

## ACTIVITIES

<b>Member, American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)</b>	2012-2013
<b>Member, Penn State Speech Association (PSSA)</b>	Oct 2011 - Aug 2012
<b>Team Leader, Fresh START Program of Penn State</b>	Mar-Sep 2010