

CARTER D. HAYES

SCHOOL: 221 EAST PARK AVENUE
STATE COLLEGE, PA 16801

TELE: 610-703-3749

PERM.: 938 ANDERS ROAD
LANSDALE, PA 19446

EMAIL: CDH197@PSU.EDU

SENIOR THESIS E-PORTFOLIO: WWW.ENGR.PSU.EDU/AE/THESIS/PORTFOLIOS/2008/CDH197

OBJECTIVE

To obtain a full-time structural analysis and design position with an innovative firm, while gaining experience in practical application of engineering principles

EDUCATION

The Pennsylvania State University, University Park, PA Graduation: May 2008
Bachelor of Architectural Engineering, Structural Option *Current GPA: 3.35/4.0*
ABET Accredited, Five-Year Professional Degree
Passed FE Exam, EIT eligible after graduation
Engineering Coursework:

- Knowledge of Mechanical, Electrical, Acoustical, and Plumbing Design
- Two years Architectural Studio (Green, Mobile, and Sustainable Design)
- Study in concrete, steel, wood and masonry design

EXPERIENCE

Research Intern, Technical University of Leipzig, Leipzig, Germany **May - August 2007**
Conducted research on PVA fiber reinforced concrete. Work was performed in the German language, and included in-house production and testing of concrete; design of scientific testing procedures (fiber pull-out tests); analysis of test results; and assisted in the writing and proofing of research theses in the English and German languages.

Engineering Intern, Thornton Tomasetti Group, Philadelphia, PA **May - August 2006**
Assisted the firm in a variety of activities such as aiding on site visits with scanning, gathering, and testing concrete samples; modeling structures in RISA; correcting submittals and shop drawings; and assisting with writing proposals and other administrative issues.

Pool Manager and Lifeguard, Manufacturer's Golf & Country Club, Oreland, PA **2000-2005**
Accountable for daily operation, maintenance, safety and upkeep of the pool facility, as well as supervision of other staff members.

COLLEGE ACTIVITIES

Phi Eta Sigma National Honor Society **2004-2007**

Structural Engineers Association **2006-2007**

Penn State Men's Water Polo, Academic All-American **2003-2007**

Triathlon Club, Treasurer and Fundraising Chairperson **2004-2007**

PHRA Student Government, Chairperson responsible for organization of area blood drives **2004-2005**

COMPUTER SKILLS

AutoCAD 2006	STAAD	VIZ	Microsoft Office
RISA	PCA Column	Adobe Photoshop	Revlt

STATE COLLEGE, PENNSYLVANIA, 9.18.2007