

Michael Kostick

mikekostick22@gmail.com

Personal Description

Architectural engineering graduate student with an educational focus in structural engineering and the experience of three bridge design and inspection internships. A hard-working, meticulous person with persistently demonstrated skill to learn quickly and an excellent teamwork mentality who seeks a structural engineering position.

Education

The Pennsylvania State University

University Park, PA

Bachelor / Master of Architectural Engineering – *Structural Option*

2007 - 2012

Five Year Professional Degree – ABET accredited

Cumulative Grade Point Average: 3.69 / 4.0

EIT status upon graduation (May 2012)

Architecture Studies Minor via “*Sede di Roma*” program

Completed Coursework: Computer Modeling of Building Structures, Design and Analysis of Steel Connections, Prestressed Concrete Design and Behavior, Advanced Concrete Design, Advanced Steel Design, Design of Wood Structures, Design of Reinforced Masonry Structures, Building Performance Failures and Forensics, Building Enclosure Science and Design

Work Experience

The Pennsylvania Department of Transportation, District 4-0

Dunmore, PA

ESTI – Engineering Scientific and Technical Intern

5/2010 – 8/2010

- Created and managed bridge maintenance and inspection schedules for District 4-0 bridges.
- Analyzed load capacities of existing bridges using Bridge Analysis Rating 7, BAR7, software.

ESTI – Engineering Scientific and Technical Intern

5/2009 – 8/2009

- Assisted in the inspection and evaluation of existing bridges.
- Created and updated bridge sketches using DeltaCAD software.
- Made recommendations on the needs of structure maintenance and repairs.

ESTI – Engineering Scientific and Technical Intern

5/2008 – 8/2008

- Revised drawings for various bridge repair projects using Bentley MicroStation software.
- Assisted in developing working drawings for a bridge rehabilitation project.

Honors and Organizations

- Phi Alpha Epsilon (National Architectural Engineering Honor Society)
- Pennsylvania State University Dean’s List : Fall 2008 – Fall 2011
- Student Society of Architectural Engineers (SSAE): Mentor Member

Computer Skills

SAP2000
ETABS

RAM Structural System
STAAD.Pro

AutoCAD
Revit

Google SketchUp
Microsoft Office

References Available Upon Request