

NATHAN J. MCGRAW

NJM5071@PSU.EDU
(412) 327-9165

SCHOOL ADDRESS

002 CURRY HALL
UNIVERSITY PARK, PA 16802

HOME ADDRESS

1147 BASIN STREET
PITTSBURGH, PA 15212

OBJECTIVE

TO OBTAIN AN INTERNSHIP IN A STRUCTURAL ENGINEERING FIRM TO HELP FURTHER MY KNOWLEDGE AND UNDERSTANDING OF THE FIELD

EDUCATION

THE PENNSYLVANIA STATE UNIVERSITY

UNIVERSITY PARK, PA

COLLEGE OF ENGINEERING

BACHELOR / MASTER OF ARCHITECTURAL ENGINEERING

ANTICIPATED GRADUATION OF DECEMBER 2012

EIT UPON GRADUATION

CUMULATIVE GPA: 3.93/4.00

HONORS

DEAN'S LIST

FALL 2007 – PRESENT

PRESIDENT'S FRESHMAN AWARD

FALL 2007

THE JOHN NORMAN FORKER MEMORIAL SCHOLARSHIP

FALL 2007 – SPRING 2011

PHI ALPHA EPSILON (AE HONOR SOCIETY)

PRESENT

HOLBERT APPLE ASSOCIATES AWARD (OUTSTANDING PERFORMANCE IN STRUCTURES IN THE 4TH YEAR AE CLASS)

RELEVANT COURSEWORK

ENGINEERING MECHANICS

INTRODUCTION TO STRUCTURAL ANALYSIS

DESIGN OF CONCRETE STRUCTURES FOR BUILDINGS

STRUCTURAL STEEL DESIGN OF BUILDINGS

ADVANCED CONCRETE

ADVANCED STEEL

COMPUTER MODELING OF BUILDING STRUCTURES

INDETERMINATE STRUCTURAL ANALYSIS

MASONRY DESIGN

EARTHQUAKE RESISTANT DESIGN

GEOTECHNICAL ENGINEERING

ANALYSIS AND DESIGN OF STEEL CONNECTIONS

ORGANIZATIONS

STUDENT MEMBER OF THE STRUCTURAL ENGINEERING ASSOCIATION (SEA)

EARTHQUAKE ENGINEERING RESEARCH INSTITUTE (EERI) – DESIGN TEAM MEMBER FOR THE PENN STATE CHAPTER

STUDENT CHAPTER OF THE PARTNERSHIP FOR ACHIEVING CONSTRUCTION EXCELLENCE (S:PACE)

WORK EXPERIENCE

MT. LEBANON SCHOOL DISTRICT

SUMMER 2011

SUMMER MAINTENANCE WORKER

- VISITED THE VARIOUS ELEMENTARY/MIDDLE SCHOOLS AND PERFORMED A VARIETY OF MAINTENANCE AND MANUAL LABOR TASKS

ACADEMIC PROJECTS

PENN STATE CHEMICAL ENGINEERING BUILDING – STUDIO PROJECT

FALL 2010

- WORKED WITH A TEAM TO DESIGN A WORLD CLASS FACILITY FOR THE PENNSYLVANIA STATE UNIVERSITY (WON BEST DESIGN)

SKILLS

SOFTWARE

- MS OFFICE, AUTOCAD, REVIT STRUCTURES/REVIT ARCHITECTURE, GOOGLE SKETCHUP, STAAD PRO, RISA, RAM, SAP2000, ETABS