

JEFFREY SUTTERLIN

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OBJECTIVE

To secure an internship that will both utilize and advance my structural design skills through interaction with professional engineers, beginning summer 2006.

EDUCATION

The Pennsylvania State University, University Park, PA 2001-2006
Master of Architectural Engineering – Integrated Masters Program
Bachelor of Architectural Engineering – Structural Option
- ABET accredited program – Five year professional degree
- Cumulate GPA: 3.41/4.0
- Passed Fundamentals of Engineering Exam – April 2005

EXPERIENCE

Stamfl Hartke Associates, Holicong, PA May 2005 – August 2005
Assistant Project Manager
- Assisted in the design of floor plans, elevations, and building sections for commercial and residential projects
- Performed load calculations to determine building structural integrity
- Carried out site surveys to create as-built and life safety plans
- Calculated design requirements pertaining to commercial site planning
- Analyzed building codes to ensure compliance on all projects involved with

Main Access Systems, Trenton NJ Summers 2001-2004
CAD Draftsman\ Installations
- Drafted floor plans and building sections for commercial buildings, displaying electrical and surveillance layouts
- Installed and terminated low voltage security cameras, door access systems, and motion detectors in commercial buildings
- Effectively handled customer concerns when performing service calls

RELATED COURSEWORK

5th Year Thesis
Website: <http://www.arche.psu.edu/thesis/eportfolio/current/portfolios/jns170/>
Courses:
Advanced Steel / Concrete Design, Pre-stressed Concrete Design, Working Drawings, Structural Analysis - Steel/Concrete/Wood, Steel Connections, Foundations, Surveying

COMPUTER SKILLS

AutoCAD 2005, Microsoft Office, STRUDL, RAMM, STAAD, Adobe Photoshop

ORGANIZATIONS & ACTIVITIES

Pi Kappa Phi Fraternity, Alpha Mu Chapter – House Manager 2003
- Maintained structural integrity and code compliance for fraternity house
Structural Engineers Association 2003 – Present
Student Society of Architectural Engineers 2005
Engineering Mentorship Program 2003
Penn State Dance Marathon 2001 – Present
- Helped raise over 3 million dollars to aide pediatric cancer research