

Joshua K. McCall

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CAMPUS:

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PERMANENT:

205 Main St.
Elderton, PA 15736
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OBJECTIVE:

Achieve a fulltime position working with experienced professionals

EDUCATION:

Candidate for Bachelor of Architectural Engineering, May 2007

The Pennsylvania State University, University Park, PA, 16802

Construction Option - ABET Accredited 5 Year Program

Cumulative GPA of **3.04**

Relevant Coursework:

Building Construction Engineering

- planned project supervision, inspection of architectural and structural operations, coordination of trades

Building Industry

- owner/designer responsibilities, documents, bidding procedures, estimating, project management

Architectural Building Materials

- investigated structural and architectural use of building materials

MEP Construction Engineering

- focused on the construction of mechanical, electrical, and plumbing systems; trade coordination

Organizational Behavior and Design

- acquired concepts, theories, and methods of managing people and designing organizations

Basic Design and Research of Architecture

- formulated multidimensional design skills, developed logical visual models

Strength and Materials with Design

- studied axial stress & strain, torsion, stresses in and deflection of beams, and combined stress

Fundamentals of Electrical and Illumination Systems

- designed concepts for electrical and illumination systems in modern buildings

Fundamentals of Heating, Ventilating, and Air Conditioning

- principles/engineering procedures for the design of heating, ventilating, and air-conditioning systems

WORK

EXPERIENCE:

Buch Construction – Project Engineering Intern, Summer 2006 - Laurel, MD

- Gained professional exposure by working closely with Project Engineers and Managers
- Responsible for creating excel files and maintaining schedule updates
- Onsite work with superintendents and subcontractors

Reliant Energy, Inc. – Engineering Intern Summer 2005 - Shelocta, PA

- Mechanical/ Electrical maintenance with supervising engineers
- Helped to create organizational management using SAP

Oakland Cemetery — Laborer Summer 2001- 2004 - Indiana, PA

- Dump truck/ back hoe operator
- Grounds keeper

ACHIEVEMENTS &

INTERESTS:

Eagle Scout Rank

S:PACE

Senior Thesis Hosting Committee

Presidential Excellence Award

Intramural sports

Fishing

Mountain Biking

Camping