

**Current Address:**  
413 Strafford Ave  
Wayne, PA 19087

**A. Richard Eglinton III**  
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(610)-306-8789

**Permanent Address:**  
500 Lawrence Rd  
Broomall, PA 19008

## EDUCATION

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**The Pennsylvania State University**  
*College of Agricultural & Biological Engineering*  
Bachelor of Science: Biological Renewable Systems

**University Park, PA**  
**Overall GPA: 3.04/4.00**  
**Dean's List Spring 2016**

Relevant Course Work: Energy and Electrical Engineering Principles, Electric Circuits and Power Distribution, AC/DC motors, Renewable Energy Systems, Energy Auditing, Building Science, Sustainable Business Concepts, Agriculture Systems Management, Renewable Materials & Deterioration of Materials, Wood Products and Cellulosic Material.

## Certifications & Research

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Certification:

Building Performance Institute, INC.

- Certified Building Analyst Professional

Research:

- Building Audit to assess an implementation of a Biomass Solar Hybrid System
- Biomass Boiler analysis done for implementation of Renewable Energy Alternative
- Solar Thermal System designed with Biomass Boiler to create a hybrid system simulation
- Correlation of the two systems for most cost effective and energy efficient design

## WORK EXPERIENCES

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### CMC Energy Services LLC

*Energy Auditor*

**Fort Washington**

*July 3, 2016 - Present*

- Inspect and evaluate buildings, mechanical systems and electrical systems to determine performance and safety
- Perform Combustion Zone Testing on Building Heating Systems and Hot Water Tanks
- Conduct detailed Energy Audits and Home Performance Analysis
- Assess energy usage a building consumes and evaluate what measures should be made to make building more sustainable and energy efficient
- Prepare audit reports containing energy analysis results, structural and home performance issues
- In-depth educational sessions with home owner on all findings of home

### Lumberman's Merchandising Company

*Intern*

**Wayne, PA**

*Summer 2015*

- Daily interaction with Floor Managers, Employees and Assistants to facilitate transactions
- Assigned tasks of sales and market analysis for commoditized lumber on the cash and futures markets
- Facilitated trades of construction products and engineered woods through various manufacturing plants
- Assisted logistics department with managing inventory and shipments via rail car and truck nation wide
- Communicated daily with Manufactures, Distributors, Vendors and Customers
- Negotiated pricing, fees and adders, while ensuring the continuation and enhancements of services

### Peter J. O'Konski & Sons

*Skilled Laborer*

**Chester, PA**

*Seasonal Summer 2012-2014*

- Enhanced efficiency in work production, crew of three, 40+ hours a week
- Installed commercial and residential windows, doors, fencing and railing, averaging 3-5 jobs/week
- Developed specialized skills in welding, oxygen/acetylene torching, cement and spray gun painting
- Achieved on time delivery and installation of personal small jobs ensuring job precision and customer service
- Communicated regularly with customers, solving job related issues

## SKILLS

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Microsoft Office, QuickBooks, Energy Reduction Management System, AutoCAD, Solid Works, Corel Draw, C++, Matt Lab, Minitab, POS

Technical; Building Structure and Performance Analysis, Energy Usage and Consumption, Basic Arc/Mig Welding, Acetylene/Oxygen Torching, Cement techniques, Landscaping, Carpentry, Spray Gun Painting

