**Experience:**  
  
  
Professional Experience  
  
Schneider Electric - Harrisburg, PA | Cincinnati, OH  
Senior Engineer 2013–Present  
Engineer II 2009–2013  
Engineer I 2007–2009  
Work as part of the Continuous Improvement Team for the newly established energy modeling program in charge of executing quality   
  
control and tool upgrades.   
Conduct project reviews to guarantee the accuracy of energy savings calculations for the customers.  
Evaluate large data sets to identify and improve the energy usage of a building through implementation of energy conservation measures   
  
(ECMs).  
Leverage project management expertise in delegating tasks; developing and managing budgets and schedules; organizing subcontractors;   
  
serving as a project foreman; and consolidating all entities of the project into a single customer deliverable.  
Prepare and submit detailed technical reports on all projects.  
Contribute key inputs in implementing the Schneider Electric’s Mentor Program by providing guidance and mentorship to junior engineers   
  
and incoming new hires regarding company tools and policies.  
Key Accomplishments:  
Demonstrated solid technical, problem-solving, and engineering skills in the following key functions that led to revenue growth and   
  
cost savings:   
Creation of energy models and utilization of spreadsheet tools to estimate energy savings for several profitable projects;  
Successful completion of a $50.2M project for the United States Coast Guard in Puerto Rico that was recognized as one of the largest,   
  
most profitable solar panel installations (2.89 MW); and  
Formulation of cost-effective energy usage solutions for customers.  
Made major contribution in the development of an innovative, user-friendly energy modeling program that reduced the time required in   
  
calculating energy savings by 70% and minimized audit costs by 25%.  
Drove significant reduction in project installation cost by conducting research, calculation, and quantification of utility incentive   
  
and rebate money for each project.  
Managed the company’s Tablet Initiative task force responsible for increasing the productivity in field operations which involved:  
Analysis of impact of tablet utilization in data collection;  
Attainment of 85% reduction in post-audit work and increase in project profitability; and  
Collaboration with the global Field Data Collection Team in developing a new tablet application to streamline data collection.   
Received the Schneider Electric MVP Award (December 2010) as recognition for the successful completion of project for the U.S. Coast   
  
Guard in Puerto Rico.  
  
  
**Education:**  
Education and Credentials   
  
Bachelor of Science in Mechanical Engineering: 2007, Ohio State University | Columbus, OH  
Certified Energy Manager (CEM)  
Engineer in Training (EIT)  
  
  
  
Professional Development  
  
Communicating for Leadership Success  
Development of Preventative Maintenance and Energy Efficiency Training  
  
  
**Affiliations:**  
  
Affiliations  
  
Association of Energy Engineers (AEE)  
American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE)  
Toastmasters   
  
**Skills:**  
  
  
Areas of expertise  
  
Strategic Planning and Implementation | Data Research and Analysis  
Technical Documentation and Reporting | Staff Training and Leadership | Cross-disciplinary Collaboration  
  
  
**Additional Information:**  
  
Awards  
  
The Coach’s Award, Ohio State Varsity Soccer: 2007  
The Buckeye Power Club Award, Ohio State Varsity Crew: 2003  
  
  
  
Activities  
  
Volunteer, Apartment Association Outreach (5013c): 2010-Present  
Committee, College Hill Community Urban Redevelopment Corp (5013c): 2010-2012  
Member, Ohio State University Women’s Varsity Soccer Team/ Formula 1 Racing Team: 2005-2007  
Secretary, Scheduler, and Member, The Ohio State University Women’s Club Soccer Team: 2003-2005  
Member, Ohio State University Varsity Crew Team: 2002-2003  
  
  
**Reference:**  
Available upon request.