

# Nathan F. Braskey, CMIT, LEED Green Associate

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<b>Objective</b>	Employment with the Construction or Project Management team of a professional engineering services firm for the purpose of gaining experience with the principles used in the planning, design, and construction of buildings.		
<b>Education</b>	<b>Bachelor of Architectural Engineering - Construction Option, ABET Accredited      Expected: May 2014</b> <b>The Pennsylvania State University, University Park</b> Received a passing score on the Construction Manager-In-Training Capstone Assessment, CMAA Member Received a passing score on the LEED Green Associate Examination Received a passing score on the Fundamentals of Engineering Examination Achieved OSHA 10-Hour Certification <u>Current Courses:</u> Building Construction Management and Control, Geotechnical Engineering for Arch. Eng. Majors, Fundamentals of Surveying, Comprehensive Architectural Engineering Senior Project		
<b>Experience</b>	<b>Jacobs Engineering Group Inc., Urbana, MD - Construction Intern</b> (May - August 2013) <ul style="list-style-type: none"><li>♦ <i>Data Center - Mission Critical Data Center, Tier III certified facility to support an initial IT load of 6 MW, expandable to 10 MW, LEED Gold certification</i></li><li>♦ Worked closely with commissioning team on testing of the façade mock-up and building systems</li><li>♦ Assisted in the investigation of contract language to resolve disputes and change orders</li><li>♦ Developed and maintained cost management documents and spreadsheets for monthly pay application reviews</li></ul> <b>Truland Systems, Reston, VA - CAD/BIM Intern</b> (May - August 2012) <ul style="list-style-type: none"><li>♦ <i>Washington Marriott Marquis - 752,000 sq. ft., 1,175-room, 49-suite Marriott with 5 retail/restaurants</i></li><li>♦ <i>CityCenterDC - 10-acre neighborhood including 515,000 sq. ft. office space, 458 apartments, 216 condominiums, 295,000 sq. ft. retail/restaurant space, and 1.5-acre public plaza / park</i></li><li>♦ Utilized AutoCAD MEP to draw conduit runs, lighting fixture layouts, junction boxes, and other equipment</li><li>♦ Utilized Autodesk Navisworks to coordinate and finalize details within building designs including clash reports</li></ul> <b>University Projects</b> <ul style="list-style-type: none"><li>♦ Redesigned East View Terrace dormitory using Autodesk Revit Architecture, Structure, MEP and AutoCAD</li><li>♦ Performed a semester-long analysis of a PSU renovation project and proposed a final bid</li><li>♦ Designed an apartment/garage using passive solar techniques to create a solar house</li><li>♦ Currently analyzing a 752,000 square foot hotel for a comprehensive architectural engineering senior project</li></ul>		
<b>Skills</b>	<b>Technology</b> <ul style="list-style-type: none"><li>• Utilized AutoCAD, AutoCAD MEP, Staad.Pro, MC<sup>2</sup>, Primavera, and SolidWorks in classes at Penn State</li><li>• Utilized Autodesk Revit Architecture, Structure, and MEP building designs in classes at Penn State</li></ul> <b>Leadership</b> <ul style="list-style-type: none"><li>• As a Boy Scout, instructed a troop for a successful term as Senior Patrol Leader</li><li>• Completed Youth Leader Training and Junior Leader Training as a Boy Scout</li><li>• As section leader of The Penn State Blue Band Drumline, helped lead a section of underclassmen while holding high morale and team spirit within the group</li></ul> <b>Activities/Clubs</b> <ul style="list-style-type: none"><li>• As a member of the Penn State Blue Band, performed weekly shows for audiences up to 110,000 people</li><li>• As a member of NJROTC, participated in squads for Trick Drill, and Drill at competitions</li></ul> <b>Volunteer Work</b> <ul style="list-style-type: none"><li>• Planned, fundraised, and organized the construction of an 800 square foot pavilion at a local park</li><li>• Participated in volunteer activities including trail/park maintenance and projects for local churches</li></ul>		
<b>Awards</b>	<ul style="list-style-type: none"><li>• Received the highest Boy Scout of America rank, Eagle Scout, in 2008</li><li>• Received the “Silver Buckle” award, an annual award given to a scout by his peers for leadership qualities</li><li>• NJROTC Awards: Distinguished Cadet, Exemplary Conduct, and Exemplary Personal Appearance</li></ul>		