

Qualifications Profile

Detail-oriented and intelligent professional prepared to excel in the Architectural Engineering field through a full time position with a company dedicated to advancing the Structural Engineering profession.

- ❖ **Structural Engineering:** Prepare and develop plans designed to better display a functional and esthetically pleasing structure for the public to utilize and enjoy.
 - ❖ **Process Design:** Develop economically effective ways to design and build functional structures as quickly and cost effectively as possible. As well as oversee the project from conceptual ideas through construction administration.
 - ❖ **Computer Administration:** Windows-based computer software including Adobe Photoshop, Adobe Dreamweaver, SolidWorks, AutoCad, Inventor, Revit Architecture, Revit MEP, Revit Structural, RISA, RAM (Steel, Concrete, Frame, Advance, and Elements), STAAD, SAP, and E-Tabs design software.
 - ❖ **Key Strengths:** Finely tuned analytical and research skills with dedication to clear communication and presentations. Adept at maintaining an exceptional rate of productivity, accuracy, and efficiency; well organized and proficient with details.
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Education

5th Year Student – Architectural Engineering Major – Structural Option (BAE/MAE Candidate) – ABET Accredited

The Pennsylvania State University, University Park, Pennsylvania

Overall GPA = 3.42

Architectural Engineering GPA = 3.46

Study Abroad (Rome) GPA = 3.78

Recipient, 2010-2011 Ryan-Biggs Associates Scholarship

The Earthquake Engineering Research Institute, PSU Student Chapter – EERI-PSU (2010 - Present)

Co-Founder & Vice-President, The Earthquake Engineering Research Institute – PSU (2010 - Present)

Structural Engineers Association, PSU Chapter – PS-SEA (2009 - Present)

President, Structural Engineers Association (2011 – Present)

Secretary, Structural Engineers Association (2009 - 2011)

National Association of Home Builders, Penn State Student Chapter – NAHB-PSU (2009 - Present)

Recipient, 2011 Kenneth E. Leach Memorial Scholarship

Recipient, 2010 J. Roger Glunt Scholarship

Recipient, 2009 Pennsylvania Builders Association Scholarship

Student Society of Architectural Engineers – SSAE (2009 - Present)

Mentor Member, Student Society of Architectural Engineers, SSAE (2009 - Present)

American Society of Civil Engineers, PSU Chapter (2009 - Present)

Penn State University Racquetball Team

7th Seed, Penn State University Racquetball Team (2010 - Present)

Penn State New Kensington Ice Hockey Team (2007 - 2008)

Experience Highlights

Structural Engineering Intern (Atlantic Engineering Services) ~ 2011 Summer Internship

Assistant Craftsman (J&M CONSTRUCTION INC.) ~ 2008 Summer Internship

Caddy (Butler Country Club) ~ 2002-Present

Caddy Master / Pro Shop Assistant (Butler Country Club) ~ 2005-2009

Personal Contact Information

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**** References and Transcripts Available upon Request****

Justin Louis Kovach