

This job application was found while searching for a position in Energy Engineering. I have been subject to many environments that require solutions to a wide range of objectives. Something that I hope to provide is a way to innovate while being sustainable and environmentally friendly.

While studying at The Pennsylvania State University, I have experienced many types of team dynamics through engineering classes, entrepreneurial teams, organizations on and off campus. For example, I am a Co-Founder of GreenTower, a vertical green house that utilizes aquaponics to bring nutritional food to areas of high population density and little access to organic produce. This team of entrepreneurs met frequently but without a steady work schedule due to the many ups and downs that come with a start-up company. Additionally, I have worked on projects with Engineers Without Borders that held weekly meetings and had objectives each meeting that were determined at the beginning of each semester. These differing team aspects taught me to adjust to different work ethics as well as different team members to accomplish goals efficiently.

Something that might contrast the team based atmosphere is the design qualification of the job advertisement. As stated in my resume, computer aided design including AutoCAD, Solid Works, 123D, and others have been well integrated into my assignments at university. Creating these designs as well as interpreting the designs of others allowed me to be both productive and innovative towards things like the Engineering Design Showcase, a wind turbine design competition, and opportunities in 3D printing. I worked with a team of students in Engineering Design and advanced to a showcase that gave me the opportunity to view many projects by seniors and freshman as well as meet employees of the company that sponsored the assignment, Air Products.

Overall, I have been a participant and leader in humanitarian organizations, design teams, and technology research and development. I strive to interact with other students and industry professionals in an endless mission to grow as not only a competent but revolutionary engineer.

As a student in Energy Engineering in times of a rapidly changing renewable and non-renewable energy climate, I aspire to be current and informed by attending conferences such as the North-East Engineers Without Borders Conference, Energy Path Conference, and the 2013 World Energy Engineering Conference in Washington D.C.

I would love to discuss more about the position. My cell phone number is 412-780-5972 and my email address is ken.palamara@gmail.com

Thank you for your time and I look forward to speaking with you soon,

Ken Palamara