

Justin B. Hypnarowski

JustinHyp@gmail.com

717-419-0889

Mechanical Engineer

Qualification Summary:

I wish to obtain a challenging and rewarding position wherein I can utilize my background and diverse experiences. Accustomed to working in a fast paced environment, I have the ability to think quickly and successfully handle difficult situations. My hope is to locate a position where my many team oriented experiences and award winning written skills could be used to advance my employer's goals. In such a position, advancement, promotion, and added responsibility would be used to as a tool to further challenge and continually improve my skills.

Education:

Elizabethtown College, Elizabethtown, PA

Major: Engineering, BS

Honors:

Best Technical Report, Competition Solar Splash 2009

Senior Project of the Year 2009

Hager Scholars Award (Engineering Dean's List) 2006, 2007, 2008, 2009

Faculty Recognition Award

Resident Life Leadership Award

Professional Experience:

Dartmouth University – Summer 2008

Research Assistant: Designed and implemented an equipment protection system into a prototype imaging system. Responsible for assessing the prototype's functionality, including hardware, software, and troubleshooting issues. Designed and conducted testing according to procedure to explore the system's capabilities and accuracy.

The Hershey Company – Summer/Fall 2007

Engineering intern: Lead in the design and creation of a MS Access database to improve project efficiency and shorten report turnaround time.

Elizabethtown College Facilities Operations – Summer/Fall 2006

Electrician's Assistant: Wiring, testing, and installation of networking and electrical lines.

Middletown, PA Borough Database Creation – Fall 2005

Student assistant: Designed, built, and implemented an information management system for Middletown Borough using MS Access database as a first-year community outreach project.

Related Experience:

Founder and President, Club FEAST (Future Energies and Sustainable Technologies)

Coordinated fund-raising, club events, and projects. I led a team of 15+ students in “Sustainable Engineering” projects including cardboard furniture, a prototype electric vehicle, and the construction of a commercially viable solar boat.

Solar Boat Team Leader

Lead fundraiser, producing approximately \$15000 in material and cash donations in 2009 alone. Coordinated the development, construction, and testing of an operational prototype for ‘Solar Splash,’ an international solar boat competition.

Resident Assistant, Elizabethtown College Residence Life

Develop community programs, maintain safety, and enforce college policy.

Software/Misc. Skills:

Trained in LEAN and Six Sigma Techniques
MS Office: Word, Excel, Access, Outlook, Project, PowerPoint
3D Modeling: Solid Edge, Solid Works, Lightwave 9
Machining: MasterCAM, Milltronics VKM3 CNC milling machine
Math & Simulation: MatLab, Maple
Code: HTML, C++, CSS, and Flash

References available upon request