

Daniel P. Donecker

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OBJECTIVE: To obtain a Structural Engineering position with a firm that provides high quality and creative engineering solutions.

EDUCATION:

The Pennsylvania State University Graduation in May, 2009

- Bachelor of Architectural Engineering, and Master of Architectural Engineering
- Option of study: Structural Engineering
- Five year ABET accredited professional degree
- E.I.T. upon graduation
- Undergraduate GPA: 3.74
- Graduate GPA: 4.00

PROFESSIONAL EXPERIENCE:

DeSimone Consulting Engineers Internship Summer, 2008

- Designed preliminary lateral system for MGM Grand Casino in Atlantic City
- Designed preliminary composite steel floor system for MGM Grand Casino
- Reviewed Unistrut design for hung panels and glass curtain for MGM Grand Casino
- Performed wind and seismic load calculations
- Conducted Peer Review for building addition
- Designed added reinforcing for a two way slab that needed holes cut for MEP work after the slab had cured
- Modeled spiral staircase with no intermediate supports using RISA 3D
- Responsible for foundation shop drawing review on Stowe Mountain Lodge in Vermont

The S/L/A/M/ Collaborative Internship Summer, 2007

- Reviewed structural shop drawings
- Created Excel program for the design of single angle all welded connections
- Coordinated removal and new construction of frost pads for a building renovation
- Modeled structures using RAM software
- Assisted in the inspection of structural steel and reinforced concrete on site
- Performed general computer drafting using AutoCAD

GKN Structures Internship Summer, 2006

- Composite manufacturing company that specializes in jet engines
- Developed a six month and five year production plan to foster four times the current production rate
- Designed special alignment pin and screw used to assemble mold mandrels
- Analyzed and adapted pneumatic pin puller to remove mandrel pins that it previously could not, resulting in improved worker productivity and lower risk of injury

Penn State Residence Life (Resident Assistant) Fall, 2006 to Spring, 2008

- Responsible for setting standards for 40 freshmen students
- Chaired house meetings and organized/coordinated events and programs for students
- Confronted students when policies were broken and mediated/resolved student conflicts

HONORS/ACTIVITIES:

- Dean's List – eight of eight semesters
- President's Freshman Award (Penn State)
- Intramural basketball (Penn State)
- McNamara/Salvia Scholarship (Penn State)
- S.G.H. Scholarship (Penn State)
- National Honor Society
- Captain of high school varsity football, basketball, and track teams

TECHNICAL SKILLS:

- SAAP
- ETABS
- SAFE
- RAM
- RISA 3D
- STAAD
- AutoCAD
- EXCEL