

Elizabeth Engineer

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SUMMARY OF QUALIFICATIONS:

Motivated college senior with multiple internship experiences and a strong academic record. Proficient in data gathering and analyses, AutoCAD, and systems management. Possess exceptional communication skills and the ability to work effectively in a team environment.

EDUCATION:

Villanova University, Villanova, PA
Bachelor of Science in Mechanical Engineering
GPA: 3.21

May 2009

TECHNICAL SKILLS:

AutoCAD 2002, Maple 8, MathCAD 11, MatLAB 6.5, C++, Microsoft Word, Excel, PowerPoint

ENGINEERING EXPERIENCE:

Senior Design Project – Villanova Formula SAE

January 2008-May 2009

- Design, fabricate and compete with a small Formula style race car.
- Weekly meetings with our faculty advisor and our group to discuss accomplishments, plan tasks and assign responsibilities to meet deadlines.
- Coordinate work with four specialized groups to analyze data for the design and construction of the race car.

Intern, Vandolay Industries, Philadelphia, PA

Summer 2008

- Responsible for development testing and data gathering/analysis of Air Cycle Actuators.
- Updated AutoCAD drawings for company files to be utilized when rebuilding production machinery.
- Met with outside vendors and reviewed quotations for replacement of a magnetic separator machine.
- Attended meetings involving engineering, quality control and production to determine weekly production schedules.

Intern, Jacobson Helgoth Associates, Philadelphia, PA

Summer 2007

- Designed process structures using AutoCAD; revised and manipulated existing plans.
- Managed a preventive maintenance system using GPMaTe and Crystal Reports database software.

ACTIVITIES:

Society of Women Engineers (SWE)

Spring 2007 – Spring 2009

- Secretary, Fall 2007 – Spring 2008

Villanova Club Lacrosse

Fall 2006 – Spring 2009

- Treasurer, Fall 2007 – Spring 2009
- Initiated the establishment of a club program for women's lacrosse at Villanova.

Chi Omega National Sorority

Spring 2009

- Greek Week Chair - Spring 2009

Villanova Senior Week Committee

Spring 2008

- Planned and organized multiple events for the graduating Class of 2008

OTHER WORK EXPERIENCES:

Waitress, **Chili's Restaurant**, Wilmington, DE

Summer 2006

Waitress, **Wilmington Country Club**, Wilmington, DE

Fall 2004 – Summer 2005