

# Elizabeth Engineer

## College Address:

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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 May 2006  
Bachelor of Science in Mechanical Engineering GPA: 3.21

## TECHNICAL SKILLS:

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

## ENGINEERING EXPERIENCE:

**Vandolay Industries**, Philadelphia, PA Summer 2005  
Intern

- 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.

**Jacobson Helgoth Associates, Philadelphia, PA** Summer 2004  
Intern

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

**Senior Design Project – Villanova Formula SAE** January 2005-May 2006

- 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.

## OTHER WORK EXPERIENCES:

**Chili's Restaurant**, Wilmington, DE Summer 2003  
Waitress

**Wilmington Country Club**, Wilmington, DE Fall 2001 – Summer 2002  
Waitress

## ACTIVITIES:

**Society of Women Engineers (SWE)** Spring 2004 – Spring 2006

- Secretary, Fall 2005 – Spring 2006

**Villanova Club Lacrosse** Fall 2003 – Spring 2006

- Treasurer, Fall 2004 – Spring 2005
- Initiated the establishment of a club program for women's lacrosse at Villanova.

**Chi Omega National Sorority** Fall 2003 - Spring 2006

- Greek Week Chair - Spring 2005

**Villanova Senior Week Committee** Spring 2005

- Planned and organized multiple events for the graduating Class of 2005