

Objective: Internship in the field of Mechanical Engineering for the summer of 2008

Education: **Bachelor of Science, Mechanical Engineering, May 2009**

Rose-Hulman Institute of Technology, Terre Haute, IN

Status: Junior standing

GPA: 3.27

Skills:

- Solid Edge, AutoCAD, Microsoft Office, HTML, Macro Media Suite, UG
- Familiar with Stamping equipment, Wafer Probe and Manufacturing, Class 1 clean rooms, high density automotive assembly, the Toyota Way, Lean Manufacturing
- Trained for Lock Out/Tag Out, Six Sigma Exposure
- Supervisor training, teamwork abilities, customer care and service experience

Experience: **Delphi Electronics and Safety, Kokomo, IN / Juarez, Mexico** (3 Terms)

Product Design/Operations Intern/Manufacturing Engineer Intern

Summer '07 Mexico Technical Center / Juarez, Mexico

- Managed the Design Failure Mode & Effects Analysis for a new product line
- Performed Thermal and Cantilever Beam Analysis

Summer '06

- Supervised 15-20 UAW operators in a high density die packing line
- Attended supervisor training, learned UAW rules and regulations

Summer '05

- Managed machinery, developed solutions to problems on Wafer Probe Testing Floor
- Used Solid Edge to help implement new testing equipment and design solutions

Suros Surgical Systems, Terre Haute, IN

Winter-Spring '07

Rose-Hulman Ventures Co-op

- New model trouble shooting, Anechoic chamber sound testing
- Fast Fourier Transform data analysis

Toyota (TMMNA), Georgetown, KY

(3 Terms)

Stamping Engineer Co-op

Fall '06: *TABC Project Manager*

- Managed Blank Washer Pre-Installation and Trapezoid Blank Shear purchasing
- Spring '06: *TMMK TR-1 Refurbishment Assistant Project Manager*

- Helped manage the TR-1 Press Upgrade project
- Project Manager for Crib and Inventory System Implementation (Fall '06 also)

Fall '05: *Press Lines 7A and 6A*

- Assisted in the process of integrating robots, used AutoCAD to upgrade line drawings
- Designed and implemented solutions for punch list items

Honors

&

Activities

Awarded Eagle Scout in 1998

Indiana Academic Honors

Dean's List: Fall and Spring '05-06, Winter '06-07

Triangle Fraternity, member

St. Michael's Catholic Church, Eucharistic Minister

Avid runner and weight lifter

Habitat for Humanity, member