

Tyler R. Weston

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EDUCATION

University of Illinois, College of Engineering

Bachelor of Science in Industrial and Enterprise Systems Engineering
Business Minor in Technology and Management

Urbana-Champaign, IL

Expected: May 2012

GPA: 3.7/4.0

WORK EXPERIENCE

Caterpillar, Inc.

Manufacturing Engineering Intern, Advanced Components & Systems

East Peoria, IL

Summer 2011

- Managed two pilot builds of heavy machinery transmissions and torque converters
- Led a team consulting and improving a warehouse inventory control system resulting in increased inventory analyst efficiency by 100% and inventory accuracy by 26%
- Created a calculator on MS Excel to perform an investment analysis on transmission shipping stands resulting in a cost savings of \$50,000 – the calculator is now used as a template at Caterpillar

Caterpillar, Inc.

Purchasing Intern, Global Purchasing

Mossville, IL

Summer 2010

- Gained experience in the challenges of global acquisitions through aiding in the startup of Global Purchasing Japan by integrating supplier data and data systems from Japan

Miller Welding & Iron Works

Process Engineering Intern

Washington, IL

Summer 2009

- Routed work orders through the metal-working shop while optimizing costs and maintaining customer requirements
- Designed and manufactured tools and welding fixtures internally used by the shop

CGN & Associates

Consulting Analyst Intern

Peoria, IL

Summer 2008

- Gained proficiency in MS Excel by troubleshooting a cost reduction analysis software used for consulting high-volume manufacturing companies

LEADERSHIP AND ACTIVITIES

Hoelt Technology and Management Program

- Took two additional classes each semester covering marketing, finance, accounting, technology strategy, and engineering to business integration
- Gained professional, real-world experience through workshops, seminars, tours of manufacturing facilities, and a business trip to China

University of Illinois

Fall 2010 – Spring 2012

President of Pi Kappa Alpha Fraternity

Beta Eta Chapter – 175 members

- Created standard work for thirteen operational positions in the fraternity
- Designed a new risk management program – voted 2nd best program at Illinois
- Founded the Beta Eta Honors Program to promote professional development in our chapter

University of Illinois

Spring 2010 – Spring 2011

Consultant – Illinois Business Consulting

- Worked on a team with other Illinois students in investigating, consulting, and implementing solutions for real companies

University of Illinois

Fall 2011 – Spring 2012

SKILLS

Caterpillar 6 Sigma Green Belt

- DMAIC (Define, Measure, Analyze, Improve, Control) cost reduction techniques

Summer 2010

Software and Programming Experience

- MS Excel (advanced) and Access
- MATLAB
- C++ Programming (basic)