

CHARISSE M. LIEVENS

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Mechanical Engineer

I am a results oriented mechanical engineer with the appropriate technical and managerial experience to achieve success in an engineering, managerial, and team environment. I am interested in a challenging engineering position in a dynamic growth company.

EDUCATION

Michigan Technological University (MTU)
Bachelor of Science in Mechanical Engineering
Concentration in Challenge X Enterprise

Houghton, MI
(May 2008)

PROFESSIONAL EXPERIENCE

Engineered Machine Products (EMP), Escanaba, Michigan

2006

Pro E Designer and Test Engineer

- Researched and designed new vehicle cooling systems
- Designed cooling systems components utilizing Pro E design software
- Tested pre-production pumps and controllers for failure (temp cycles, leak testing, salt fog)
- Assisted in testing cooling systems on a calorimeter
- Provided engineering and process support to engineering management.
- Analyzed quality and performance data and implemented process improvements using six sigma.

Michigan Technological University (MTU), Houghton, Michigan

2005 to 2006

Sales and Marketing Administration

- Office administration of Alumni records
- MTU Fundraising coordination
- Financial management
- Formulated sales and marketing policies and strategies.
- Monitored sales performance and initiated corrective action where necessary

Lands End Marina, Harrison Township, Michigan

2000 to 2004

Team Leader - Cashiers

- Financial management of all store receipts
- Supervised cashiers and marina support personnel
- Developed and maintained safety procedures and policies
- Managed the administration of customer records

PROJECT EXPERIENCE

Challenge X Enterprise

2004 to Present

- Designed vehicle models utilizing Unigraphics NX3 design software
- Researched and developed new outreach events
- Assisted in designing and building a displacement on demand prototype engine

PROFESSIONAL ORGANIZATIONS

Theta Chi Epsilon

New Member Coordinator, Social Chairman, House Manager,
Mentoring Chairman, Assistant Recruitment Chairman, Assistant Philanthropy

COMPUTER SKILLS

Pro E, Unigraphics NX3, MATLAB, EES, Windchill, I-DEAS, Windows (98, 2000, XP),
Microsoft Word, Excel, PowerPoint, StarOffice
