

Kyle G. Hendricks

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Objective Seeking a challenging position where I will be able to apply my engineering and business skills to provide quality work for the company.

Education **B.S. Mechanical Engineering**, expected May 2008
Certificate in Business
University of Wisconsin – Madison
GPA: 3.580, Major GPA: 3.758
Significant Courses: Vehicle Dynamics, Design of Machine Elements, Dynamic Systems, Fluid Dynamics, Heat Transfer, Marketing, Management and HR

Experience **UW Madison Formula SAE Racing Team**
Drivetrain Design, Fall 2007

- Co-designing and manufacturing the main driveline system for the 2008 car.
- Emphasis on improving ease of assembly and final drive ratio tuning.

Drivetrain Group Leader, Fall 2006 – Summer 2007

- In charge of overseeing the design and manufacturing progress of all driveline systems.
- Assisted lead designer in the implementation of a custom aluminum differential.
- Designed and built the shifting system for the 2007 car.
- 1st place finish in both design and overall competition out of 129 teams.

Drivetrain Group Volunteer, Fall 2005 – Summer 2006

- Manufactured several components for various systems on the car.
- Gained valuable experience with CNC mill work, lathe, and TIG welding.

Sub-Zero Freezer Inc., Madison, WI
Reliability Engineering Co-op, May 2006 – Jan. 2007

- Worked with full time engineers, designing fixtures and test criteria for redesign components and systems.
- Monitored tests and recorded data using LabVIEW and visual analysis.
- Met with design and reliability engineers to discuss test conclusions and make decisions on the reliability expectations of the tested component or system.

UW Center for Limnology, Madison, WI
Assistant Facilities Manager, May 2005 – Dec. 2005, May 2007 – Present

- Maintained boats in fleet and trained future operators.
- Worked with supervisor to design and construct 3 automatic testing buoys.
- Working part time during the fall semester.

City of Cumberland Street Department, Cumberland, WI
Summer Employee, 2003-2004

- Maintained city streets and parks, operated non-CDL heavy equipment.
- Senior summer employee in 2004.

Skills

Computer SolidWorks, AutoCAD, Unigraphics, LabVIEW, Matlab, EES, Microsoft Office
Machining TIG, Arc, and Oxy-Acetylene welding, Lathe, CNC end mill (ProtoTRAK Edge)

Honors Dean's List 7 Semesters