

JASON M. SCHWANKE

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Madison, WI 53703

(920) 681-0503

OBJECTIVE

Entry level mechanical engineering position in product development and testing that involves varied and challenging projects.

EDUCATION

University of Wisconsin - Madison, Graduating - May 2009

BS in Mechanical Engineering, 3.295 Grade Point Average

Completing advanced coursework in Ansys CFX and Internal Combustion Engines.

EXPERIENCE

UW-Madison Formula SAE

Powertrain Cooling Designer

Driveline Co-Leader

September 2005 - Present

September 2007 - Present

September 2008 - Present

- Responsible for design and testing of cooling system for performance vehicle application.
- Currently utilizing CFD software to analyze vehicle's aerodynamic performance.
- Assisting to manage newer members and help them to develop their skills for future design positions.
- Extensive machining experience using HAAS 3-axis machine.
- Developed extensive computer model for analyzing possible heat exchanger designs allowing for better understanding of system performance.
- Worked with other designers to improve 3D CAD models in order to improve performance and streamline the design process.

Dassault Systèmes SolidWorks Corp., Madison, WI

Quality Assurance Intern

May 27, 2008 - August 29, 2008

- Responsible for testing SolidWorks 2009 3D CAD software.
- Created test plans to determine the usability of new functions.
- Extensively involved with advanced assembly creation, DimXpert and drawing creation, as well as Animation and Motion Analysis functions.

Sub-Zero/Wolf Appliance Inc., Fitchburg, WI

Manufacturing Engineering Intern

January 8, 2007 - December 14, 2007

- Responsible for the design and refinement of tools and fixtures for use on production lines.
- Coordinated with outside vendors for design of larger equipment.
- Handled several projects from different supervisors simultaneously.
- Also responsible for manufacturing prototypes using machine tools.

SKILLS

Software:

- SolidWorks
- EES (engineering Equation Solver)
- Matlab
- FeatureCAM
- AnsysCFX
- Labview

Manufacturing:

- 2-Axis CNC Mill
- HAAS 3-Axis CNC Mill
- Lathe

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References

Available Upon Request