

# Kevin H. Heires

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**School Address:**  
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**Home Address:**  
610 Walnut St.  
Midland, MI 48640  
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**Objective:** Seeking a co-op or intern position in an engineering environment where I can provide company support while broadening my knowledge and experience.

**Education:** **Michigan Technological University** (MTU), Houghton, MI

- BS Mechanical Engineering, Expected – Dec 2009
- Minor: Enterprise
- 3.12/4.0 GPA

**Midland High School** (MHS), Midland, MI

- High School Diploma
- 3.8/4.0 GPA

**Technical Skills:** OS: Windows (95, 98, ME, 2000, XP, Vista), Mac OS, Linux  
Programs: Unigraphics, AutoCad, SoftDesk, SolidWorks, MatLab, Simulink, PSAT, Mathematica, NI Labview, Cadence OrCAD, Office, Excel, Word, Visio, PowerPoint, Photoshop  
Machining: CNC Lathe, CNC Mill, Manual Lathe, Manual Mill, Sheet Metal Forming  
Welding: Mig, Silver Solder, Spot, Stick, Tig, Plasma

**Co-op Experience:** **Kohler Engines Co-op**, Kohler, WI June 2007-January 2008, May 2008-August 2008  
**Engines Reliability and Rapid Prototype Group**  
Fixtureing: Design, model, perform FEA, and build test fixtures for engines: Hydraulic and pneumatic axial and radial crankshaft loading, test automation, angle of operations hydraulic load, dynamometers, encoders, engine backpressure device, throttle body brackets, carburetor modifications, ect.  
Testing: Perform house and competitor engine component testing, analysis and support.  
Management: Develop and refine testing facilities. Capital project management of \$220,000, \$100,000, \$80,000, and \$12,000 projects. Included HVAC systems, MTS equipment, Oven and Cold Test Rooms, Dynamometer, Lab Reorganization. and Maintenance Cat Walks.

**Work Experience:** **MTU Tech Fund**, Houghton, MI January 2008- Current  
Tech Fund Awareness: Speak with alumni about raising funds to support the University.

**Kohl's Department Store**, Midland, MI May 2004-Oct 2007  
Hardlines Associate: Responsible for hardlines, domestics, and shoes. Trained new associates, provided customer service, and managed stock.

**Roy Kutchey Greenhouse**, Midland, MI Summer 2005, 2006, 2007  
Maintenance: Flower caretaker, maintained greenhouses, and provided customer service.

**Leadership:**

- MTU Treasurer and Social Chair American Society of Mechanical Engineers
- MTU Student Advisory Board (Mechanical)
- Captain Midland High School Wrestling Team

**Awards:**

- Kohler Company Co-op/Intern Scholarship
- Michigan Merit Scholarship
- 1<sup>st</sup> Place Business Professionals of America, Regional Economic Research Individual

**School Activities:** MTU Eco-Car Enterprise (Mechanical Team)  
MTU Alternative Fuels Group Enterprise (Sub Group: Hydrogen Team)  
MTU American Society of Mechanical Engineers (ASME)  
MTU Society of Automotive Engineers (SAE)  
MTU Soccer Club