

Jake Dunda

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Permanent Address
1424 W. Knife River Rd.
Two Harbors, MN 55616

Education: **Michigan Technological University (MTU)** Houghton, MI
B.S. Electrical Engineering May 2009
GPA: 2.79
Lake Superior College Duluth, MN
• Concurrent enrollment while attending high school 2004-2005

Project

Experience: **MTU EcoCAR Hybrid Vehicle Competition** Fall 2006 to Present
Team Member: Electrical/Controls
• Woodward training on Mathworks campus including Simulink, Mototune and CAN communication
• Creating and giving presentations to the team and competition judges
• SIL, HIL vehicle modeling and controls development for the MTU hybrid vehicle
• SIL, HIL modeling and real world testing to solve a shaft breakage problem (Challenge X Competition)

Skills:

Computer: NX3, Java, Matlab, Mathematica, Microsoft Office, Simulink, Mototune, PSAT
Technical: Multimeter, oscilloscope, circuit construction, soldering, reading schematics, Woodward hardwire harness wiring, Hybrid systems implementation including high voltage batteries and motors

Work

Experience: **MTU Summer Youth Programs** Houghton, MI
Receptionist, Data Entry Fall 2006
• Enter phone/written applications into computer system
• Worked 8 hours a week while enrolled in school full time

Community Connections Inc. Lincoln, NE
Internet Help Desk Technician 2002 to 2005
• Helped Internet subscribers from three states troubleshoot computer problems via email, phone conversations, and instant messaging
• Teamed with coworkers to resolve problems while maintaining composure during stressful situations with subscribers
Managed multiple help requests at once to maximize efficiency

Ford Motor Company Lima, OH
EE Summer Intern, Engine Plant Summer 2008
• Data analysis using Access and Excel
• Motor and robot parameter backups using Mass Autosave
• Designed mounting brackets for through-beam laser system using AutoCAD