

# Michael D. Stellpflug

[mdstellpflug@wisc.edu](mailto:mdstellpflug@wisc.edu)

114 North Orchard Street  
Madison, WI 53715  
608-444-8806

1988 Tyler Lane  
De Pere, WI 54115  
920-337-0302

**Objective** Seeking an electrical engineering position in control systems or circuit design

**Education** University of Wisconsin-Madison

- B.S. Electrical Engineering expected May 2006
- 2.9 GPA
- Former Vice President, Treasurer, Social Chair and House Steward of Kappa Eta Kappa- a coed professional electrical and computer engineering fraternity
- Classes include: Circuits (16 credits), Electromagnetics (9 credits), Systems (9 credits), Java and Matlab Programming, Dynamics, Photonics, Electric Machines, Cryptography

De Pere High School

- Enhanced communication and leadership through four years of tutoring and peer mediation
- Numerous other extracurricular activities including varsity track and football

**Experience** UW SAE Formula Car team – December 2001 to Present

- Design, fabricate, test, present, and race a small, formula-style car in team environment
- 2003-2004 Electrical Group Leader
- Oversaw all electrical work by group of 8-10 students
- Electrical group projects include: wiring of car, dynamometer tuning/setup/upkeep, software development, driver interface, and design/calibration of traction control
- Wired 2002-2003 car and assisted with 2003-2006 cars

Oshkosh Truck Corporation – May 2005 to August 2005

- Designed and built prototype and production wire harnesses
- Created schematics for numerous automotive systems
- Designed and built emergency override controls for airport firefighting aerial device
- Verified hybrid vehicle operation against military specifications

Pierce Manufacturing Inc. – May 2004 to January 2005 (co-op)

- Created comprehensive wiring diagram sets for two separate fire-truck aerial products
- Re-designed an electrical system for a 55/61' water boom/rescue ladder
- Tested various aerial electrical systems including collision avoidance and user controls
- Troubleshooting for electronic power modules

Evco Plastics - May 2003 to January 2004 (summer/holiday)

- Prepared Requests for Quotation for various parts
- Implemented inventory optimization program with Excel / Visual Basic

Vos Electric Inc. - June 2001 to August 2002 (summer/holiday)

- Assisted experienced electricians with conduit, wire, fixtures, and terminations

VDH Electric Inc. - June 1998 to August 2000 (summer/holiday)

- Maintained inventory, filled and delivered orders, and made general repairs