

Mark G. Malowicki

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Experience **Controls Development / Calibration Engineer** *Feb 97 – Aug 98*
General Motors Powertrain Group, Milford MI

- Troubleshooting, root cause analysis, and correction of problems involving automatic transmission controls hardware (hydraulic & electronic)
- Calibration of automatic transmission operation for driver pleasability, durability, and climate dependant functionality
- Evaluation of hardware changes for calibration impact

Durability Dynamometer Test Engineer *Nov 94 – Feb 97*
General Motors Powertrain Group, Ypsilanti MI

- Planning, coordination, and support of large front wheel drive automatic transmission durability dynamometer testing
- Integration of engine, calibration, and interface components for representative testing in a complete powertrain dynamometer cell environment
- Root cause determination by data analysis and hardware inspection

Cornell University Formula SAE Race Team *Sept 92 – May 94*

- General management of team of 25 students in the design, fabrication, testing, and racing of a formula style open wheel race car
- Design and fabrication of components

Education **Virginia Polytechnic Institute, Blacksburg, VA**
Department of Mechanical Engineering

- Master of Science degree expected May 2000, 3.7 GPA
- Research in vehicle dynamics and controls

Cornell University, Ithaca, NY
Department of Mechanical and Aerospace Engineering

- Bachelor of Science degree received May 1994

Awards **Eagle Scout, Boy Scouts of America**

- Troop 67, Rome, NY

Phi Kappa Tau Fraternity, Alpha Tau Chapter

- Meritorious service award
- House Manager

Skills & Interests MATLAB, MS Office, Pascal, MIG & TIG welding, lathe machining,
basic Spanish, camping, skiing, cycling & mountain biking