

MATTHEW D. GOOD

Home Address:

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University Address:

Douglass Houghton Hall 228
1700 Townsend Dr
Houghton, MI 49931
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Objective:

More fully prepare myself for a career in the field of Electrical Engineering.

Education:

Michigan Technological University

August 2002 – Present

**Expected Graduation: May 2006 – Bachelor of Science in Electrical Engineering
Minor in Mathematical Sciences**

- 81.5 credits earned to date
- 16 in progress
- Cumulative GPA: 3.74

Mid Michigan Community College

August 2000 – May 2002

- 15 transfer credits earned
- Cumulative GPA: 3.92

Gladwin High School

August 1998 – June 2002

- Diploma earned
- Cumulative GPA: 3.96

Research:

Wireless Communication Enterprise

Fall 2004 – Present

- Internally funded, proprietary research team
- Project has potential marketability
- Analog circuit design
- Infrared sensing

Dept. of Electrical Engineering Research Assistant

Fall 2004 – Present

- Researching frequency response of transformers between 50kHz and 500kHz
- Interfacing HP spectrum analyzer in LabView
- Goal of using data to better select carrier frequencies for communications over transmission lines

Special Research Project for the City of Gladwin, MI

Summer 2004

- Investigated footing drain connections to city sewer system
- Collected flow data and repositioned flow meters
- Assisted with equipment maintenance at the city waste water plant and with summer sewer cleaning

Work Experience:

Douglass Houghton Hall Assistant Front Desk Coordinator

Houghton, Michigan

October 2003 – Present

- Conduct interviews
- Hire and train desk staff
- Balance drawer and keep track of inventory

Endless Journey Internet

Gladwin, Michigan

July 2001 – August 2003

- Internet technical support
- Handled point-of-sale transactions
- Assistant to network administrator

Gladwin Community Arena

Gladwin, Michigan

May 2000 – March 2002

- Facility scheduling and billing
- Ice skate sharpening
- Designed and administrated business web site

Computer Skills:

Programming Experience

- HTML
- Java
- Matlab and Simulink
- Assembly
- Labview
- Mathematica
- Mathcad
- Verilog

Software Knowledge

- Microsoft and Star Office
- Microsoft Front Page and Visio
- Windows
- Unix
- Photoshop
- Sigma Insight Data Analysis
- IDEAS
- PSpice
- Altera MAX+PLUS II
- TEXAS

Other Areas

- Windows networking setup
- Network infrastructure
- Hardware installation and troubleshooting

Honors and Achievements:

- Vice President of the College of Engineering Research Scholars Program
- Named to Dean's List every semester of college career
- Member of Mu Beta Psi National Honorary Musical Fraternity