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# MATTHEW HANSEN

## OBJECTIVE

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To obtain a research position in the field of Electrical Engineering or Physics. Specifically, I am interested in researching new and advanced forms of propulsion in space or the atmosphere.

## EDUCATION

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Michigan Technological University August 2004 to Present  
*Pursuing dual degrees in Electrical Engineering and Physics, with minors in Mathematics and Enterprise*

- I have Junior class standing by number of credit-hours.
- After the spring semester, I will have Senior standing by number of credit-hours.
- Member of the Aerospace Enterprise, the Research Scholars Program, and the Electrical Engineering Undergraduate Advisory Committee.

Traverse City West Senior High School August 2000 to June 2004  
*Graduated Summa Cum Laude with an unweighted GPA of 3.9*

- Member of the National Honor Society, Debate Team (2002, 2003), and Model UN team (2003, 2004)
- Participated in American Mathematics Competition, American Invitational Mathematics Examination, Michigan Math Prize Competition, et. al.

## RELEVANT COURSE WORK

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- Intro to Signal Processing, Digital Logic, EE Lab 1
- E&M, Mechanics, Thermo/Fluid Dynamics, Waves and Modern Physics
- Will be done with Mathematics requirement by the end of 2004-2005 school year
- University Chemistry, I and II

## COMPUTER SKILLS

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- Operation Systems: Windows, Linux
- Programming Languages: C++, Visual Basic, Java, HTML
- Software: MS Office Suite, StarOffice, Mathcad, Mathematica, Matlab, L<sup>A</sup>T<sub>E</sub>X, Labview, PSpice

## WORK EXPERIENCE

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Vector Marketing	<i>Sales Representative</i>	June 2004 to August 2004
Arbys	<i>Crew Member</i>	June 2002 to February 2003

## PERSONAL REFERENCES

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Diana Schumacher	(231) 947-9101	4381 Old Orchard Trail Traverse City, MI 49684
Ron Titze	(231) 275-6139	480 Fisher Road Traverse City, MI 49684
Martin Lagina	(231) 946-0197	232 W. McKinley Road Traverse City, MI 49686