

# NATHAN HOLM

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**Objective** To be involved in an organization of integrity that pursues leading edge technology.

**Education** University of Minnesota Minneapolis, MN Spring 2009-Current

- **B.S. Mechanical Engineering**

Bethel University Arden Hills, MN 2005-Fall 2008

- **B.A. Physics Major**, Math Minor

- **3.17 GPA**

- 2008 football captain

Campbell County High School Gillette, WY 2003-2005

- **Salutatorian**, Decorated athletic and scholastic involvement

- **3.9 GPA**

**Related Experience** FIMCO Industries Sioux City, IA Summer 2008

**Mechanical Engineering Intern**

- Revised and designed safety and equipment manuals for all the company plants
- Helped design and test new products under development, **often using SolidWorks**
- Investigated design failures in products returned from customers

**Other Experience** City of Gillette - Utilities Gillette, WY Summer 2007

**Electrical Services Intern**

- Plotted and designed layouts for City Electrical Systems
- Upgraded Computer systems of Water Pump Stations
- Recorded changes to Electrical System wiring in Electrical Substations on AutoCAD

Camp Bethel Big Horn Mountains, WY Summer 2005,2006

**Camp Maintenance, Counselor**

- Maintained and entrusted with several camp buildings and vehicles
- Entrusted with 8-10 kids for 5 days, 24 hours a day, for 8 weeks
- Improved and helped design better structures

**Relevant Coursework**

- Lab Intensive Courses completed in Electronics, Optics, Design and Manufacturing I&II, Materials Science and Fluid Mechanics
- Physics Courses completed in General Physics I & II, Modern Physics, Mechanics, and Electricity & Magnetism
- Mechanical Engineering Courses completed in Thermodynamics, Fluid Mechanics, Statics, Deformable Body Mechanics
- Technical Electives for Mechanical Engineering completed in Case Studies for Thermal Engineering and Design, and Thermodynamics of Fluid Flow and Application
- Computer Intensive courses completed in Computer Science (Java), Computer Science (C++), and Computer Methods in Physics and Engineering

**Relevant Skills**

- Mathematica, LabVIEW, LaTeX, MATLAB, MS Office, Java, C++, AutoCAD, SolidWorks, and Pro/Engineer