

Jacob L Walker

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Objective

To gain experience and knowledge through an Electrical Engineering Summer Internship.

Education

- **Bachelor of Science Electrical Engineering**, graduation December 2014, University Minnesota Duluth
- **Associate of Science Degree of Engineering**, May 2012 Itasca Community College, Grand Rapids MN 2010- 2012

Experience

Delta Industrial Coon Rapids, MN FT

Electrical Engineering Intern Summer 2013

- Wired sensors, servo motors, safety relays, PLC's, power distribution, and other electrical equipment in according to CAD specifications and prints
- Edit CAD prints from corrections made in field
- Mount equipment according to mechanical prints

UMD ITSS Duluth, MN PT

TechCenter/ Library Lab Consultant August 2012 – Current

- Troubleshoot issues on personal and university computers
- Direct customers on possible paths for repair of personal and university owned computers
- Maintain computer labs and printers across campus

UMD ITSS Duluth, MN PT

Disability Resources Lab Consultant October 2012 – Current

- Troubleshoot any issues that occurred for Disability Resources
- Maintain software and hardware for labs in Disability Resources
- Self-teach accessibility software to teach to students who would need to learn to use them for every day use

DJ Lighting Enhancement Project, Itasca Community College

Grand Rapids, MN May 2012

- Designed and developed ways for a local DJ to have a better atmosphere using electronics and lighting.
- Worked in team to design and develop Subwoofer Strobe light, Large Scale VU Meter, and LED Façade, personally took lead on Strobe Light project

Skills

- Experience with many types of software including AutoCAD 2011, Pro Engineer, MATLAB, PSPICE, Cadence, Multisim, Visual Basic C++, C++, Mathematica, SolidWorks, and Inventor.
- People skills proven by working as a team to achieve a basic goals
- Very approachable and friendly coworker with teamwork skills and tested work habits
- Up-to-date practice and accomplishment in the engineering fields of Electronics, Physics, Circuitry, and Mathematics up to Differential Equations and Linear Algebra.

Certifications/ Awards

- First Aid and CPR certification
- Received the gold award for having over 200 hours of community service during 2 years at Itasca Community College
- Bridges Kinship Mentoring member: This is an organization that works with local schools to help provide role models for young children grades three through five
- Citizenship award showing good sportsmanship and civic responsibility