

Nathan Loew

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OBJECTIVE

To obtain a Summer 2016 co-op/internship in the field of Electrical/Computer Engineering

EDUCATION

Michigan Technological University (Expected Graduation: December 2019)

Studying Electrical and Computer Engineering and Computer Science

GPA: 3.75

New Trier High School Graduate

May 2015

PROFESSIONAL EXPERIENCE

Kimberly-Clark

Beech Island, SC

Electrical Engineering Co-Op

May-December 2016

- Programmed palletizer robot
 - Increased potential throughput of production line by 13%
 - Reduced materials costs by several thousand dollars per year
- Consolidated label designs and revised label printing process
 - Reduced materials costs by several thousand dollars per year
 - Removed potential safety hazards to machine operators
- Provided support on the manufacturing floor

Cleardrop LLC

Chicago, IL

Web Development Intern

May-August 2013

- Developed custom applications for customers
- Set up and managed multiple networks for customers
- Trained several other interns to develop add-ons for Openbravo software

MTU Robotics Systems Enterprise

Private tutor in high school math, physics, history, and biology

COMPUTER/TECHNICAL SKILLS

- | | | |
|--------------------|---------------------|---------------------------|
| • Multisim | • Autodesk Inventor | • Mathematica |
| • C | • C++ | • Java |
| • Microsoft Office | • Soldering | • Circuit Design/Analysis |
| • RSLinx | • RSLogix | • RSView |

LEADERSHIP EXPERIENCE

Project Leader and President of New Trier Robotics Team

- Designed, built, and programmed a robot for the VEX Robotics competition
- Coordinated over 25 team members
- Trained newer members how to build and program using VEX components

Project Coordinator & Lead Programmer for PLTW 3rd year Drone project

- Organized a team of several people to design a quadcopter
- Designed a program to automatically stabilize a quadcopter

ACADEMIC ACHIEVEMENTS AND HONORS

- National Merit Semifinalist
- AP Scholar with Honor
- Dean's List

EXTRACURRICULARS: Snowboarding, golf, robotics, strategy games, fencing