

# John Doe

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## OBJECTIVE

To obtain an Internship or Co-op in the field of Electrical or Computer Engineering

## EDUCATION

Michigan Technological University

**BS Electrical Engineering**

**BS Computer Engineering**

GPA: 3.16

Houghton, MI

**Expected 2017**

**Expected 2017**

University of Auckland

Mathematical, Economics and Management Coursework

Auckland, New Zealand

July – Nov 2014

## ENGINEERING PROJECT EXPERIENCE

Michigan Tech University **Enterprise Program – IT Oxygen Mobile Development Team (8)**

**Project:** Michigan Tech Public Safety App

**Objective:** To design and implement an original Android application to allow Public Safety Officers to use a computer tablet to make and keep records instead of paper

- Design application architecture based on stake holders/users requirements/desires
- Design tablet app using Android Graphical Editor (must learn independently)
- Write code for functionality using original Android programming code (must learn independently)

**Project:** Engineering Statistics Data Collection

**Objective:** Design and submit project proposal using measured response variables, specific levels of testing factors and result hypothesis

- Determine sample population, type of data collection and sampling details including randomization of data and sampling accuracy
- Submit completed critical statistics by group, graphical condition checks and p-values
- Write statistical analysis to support or refute hypothesis

**Project:** Eagle Board Design Project

**Objective:** Design and build circuit to create an LED light show

- Designed board layout, loaded and arranged circuit and connected components
- Printed schematic, populated board and soldered components
- Tested performance and re-designed for optimal and diverse performance

## COMPUTER/TECHNICAL SKILLS

- |           |                |              |                 |
|-----------|----------------|--------------|-----------------|
| ▪ C       | ▪ Android      | ▪ AutoCAD    | ▪ Oscilloscope  |
| ▪ C++     | ▪ Visual Basic | ▪ Quartus II | ▪ Wave Function |
| ▪ Java    | ▪ MATLAB       | ▪ Eagle      | Generator       |
| ▪ Verilog | ▪ UGNX         | ▪ ModelSIM   | ▪ Multi-meter   |

## LEADERSHIP

- Treasurer, Archimedes Class of Scholars Representative, Honors Institute
- Mentor, Mind Trekkers
- President, Quad Core Fitness Club
- Vice President, Inter-residence Hall Council
- Season Coordinator/Head Referee, Frisbockey
- Invitee, LeaderShape

## WORK HISTORY

**Counselor**, Summer Youth Program, Michigan Tech University, Summer 2014

**Assembly Line Worker**, Badger Plug, Greenville, WI, Nov & Dec 2013

**Crew Leader**, Dombrowski House Movers, Freedom, WI, 2010 – 2012

**Server/Cashier/Greeter/Expediter/Cook**, Buffalo Wild Wings, Appleton, WI, 2010– 2011