

## OBJECTIVE

To obtain an Urban Forestry Internship position with the City of Grand Rapids, Michigan

## EDUCATION

Michigan Technological University  
**BS in Forestry**  
GPA: 3.23

Houghton, MI  
**Expected Dec 2016**

## FORESTRY PROJECT/LAB EXPERIENCE

### Vegetation of North America

- Identified tree species indigenous to the area

### Forest Ecology

- Collected different properties of stand data in old growth, secondary and recently disturbed stands, including: CWD, climate change, jack pine regeneration, stand inventory data, invasive species analysis, crown position
  - Clinometers and D-Tape were the most common tools used while conducting the field measurements
  - Worked with excel to produce tables and figures for lab report analysis purposes

### Field Techniques

- Hands-on experience practicing field measurements using the common field equipment, including: prism, clinometer, D-Tape, Biltmore stick, Compass, and GPS
- Created technical reports with tables, graphs and data tables using Excel.

### Natural Resource Policy

- Studied past and present policies concerning natural resources

### Natural Resource Seminar

- Researched and produced a presentation on the Emerald Ash Borer, including general facts, economic and social impacts and future implication

### Intro to GIS

- Worked with ArcMap to generate maps and to determine areas where harvest is not acceptable, such as Riparian Management Zones or wildlife habitat zones

### Forest Biometrics and Data Analysis

- Performed statistical analysis on stand inventory data, including Stand and Stock tables, One and Two-Way Cross Tabulation tables
- Created technical reports with tables, graphs and data tables using Excel.

### Soil Science

- Analyzed different properties of soil, including KCL extraction of soil and aquatic sediments, soil particle size analysis, analysis of environmental sample (reactivity and exchangeable nutrients, soil delineation)
- Interpretation of NRCS Soil Surveys

## TECHNICAL SKILLS

- Compass
- GPS
- Clinometer
- Prism
- D-Tape
- ArcMap 10.1
- Biltmore Stick
- Analysis of Forest Biometrics
- Farm Equipment
- MS Office

## WORK EXPERIENCE

Field Work with professor at Michigan Tech, 2013

- Dug soil pits to calculate Bulk Density

Laborer, Cherry Home Orchards, Northport, MI, 2010-2013

- Worked twelve hour days, seven days a week, for five weeks on a 1000-1500 acre orchard

Customer Service, Fazoli's Italian Restaurant, Grand Rapids, 2009-2012

Custodian, Michigan Tech Facilities Management, 2012-Present

- Working an average of six hours per week while being a full time student