

Paul Fowler

1867 Wood Parke Lane, Commerce Twp, MI 48382

fowlerp1@msu.edu

Education

Michigan State University – East Lansing, MI

September 2012 – Present

Bachelor of Science Biosystems Engineering

Graduation: May 2017

- 3.32/4.00 GPA

Work Experience

Senior Design Project

September 2016 - Present

Red Cedar Restoration

- Using Arc-GIS and HEC-RAS to model stream flows
- Developing design to stabilize the Red Cedar River and put it on a path to good health

CHS Hamilton – Traverse City, MI

May 2016 – August 2016

Crop Scout/Intern

- Saved superior's time by scouting more area
- Learned about the many pests and diseases that can plague cherries and apples
- Met with growers to discuss chemical treatments for the trees

Brainard Lab – East Lansing, MI

May 2015 – May 2016

Lab and Field Aide

- Performed various tasks in vegetable plots ranging from flagging new trials to harvesting crops
- Learned appropriate lab techniques to analyze the data collected in the field

MSU Engineering – East Lansing, MI

October 2012 – December 2012

RISE Greenhouse Project

- Worked closely with RISE representatives to develop a low cost, low energy method for heating on campus hoop houses
- Designed and built a prototype heating mechanism to be placed underneath soil beds and heat the soil during cold months

Applicable Skills and Recognitions

- MATLAB
- Arc-GIS and HEC-RAS
- Dean's List Fall 2015, Spring 2016
- Student Engineering Council Representative
- Biosystems Engineering Club