**Robert Prell**

rdprell@mtu.edu • (269) 832-7296

9 Enlow Ct. • Battle Creek, MI 49015

**EDUCATION**

**Michigan Technological University Houghton, MI**

***BS Civil Engineering April 2016***

GPA: 3.43

Notable Classes

* Pavement Design - Designed several options for a Julius Schepps Freeway
* Airport Planning and Design - Relocated and designed a new Houghton airport
* Transportation Design - Designed a road and rail route utilizing Microstation

**PROFESSIONAL EXPERIENCE**

**Civil Engineers Inc.** **Battle Creek, MI**

***Civil Engineering Intern May – August 2016***

* Preformed project inspection to ensure the contractor was following plans and to answer any questions they may have had
* Drafted preliminary and final designs for clients based on meetings
* In charge of smaller survey projects with the assistance of another intern

***Civil Engineering Intern May – August 2015***

* Continued inspection and survey of sanitary systems for the township’s asset management plan
* Organized and mapped the township’s sanitary systems in Excel and AutoCAD
* Continued utilizing AutoCAD to aid in co-worker’s designs and revise plans

***Civil Engineering Intern July – August 2014***

* Utilized survey equipment to map out project sites for design purposes
* Preformed GPS survey and inspection of sanitary system for a township’s asset management plan
* Utilized AutoCAD to aid in revising plans and adding markups for co-workers

**Name of Class Houghton, MI**

***Senior Design January – April 2016***

* Developed preliminary upgrade plans and options for Lake State Railyard in Saginaw
* Required addressing drainage issues on site, plans for additional track placement to accommodate unit trains, reconstruction of a warehouse on the property, and identifying locations of grade crossings that could be closed

**ADDITIONAL**

**Skills & Abilities**

* Engineer in Training
* Experienced with: AutoCAD(Civil3D & Carlson), Microsoft Office (Word, Excel, Powerpoint), Microstation(GEOPAK), C++, and Matlab
* Capable of working independently without direct supervision
* Familiar with surveying and inspection practices
* Able to communicate effectively with coworkers and clients
* Quick to pick up and learn new skills

**Other**

* Avid video gamer; Favorites include Europa Universalis 4, Crusader Kings 2, and Overwatch.
* Enjoys downhill skiing
* Collects and plays Magic: the Gathering card game.