**Civil Engineering Senior**

*Cell:* (316)-722-8940 • *Email:* c-engineer.1@onu.edu

**EDUCATION**

*B.S. in Civil Engineering* Spring 20XX

**Ohio Northern University (ABET Accredited)** Ada, OH

**Cuyahoga Valley National Park Trail Redesign, Sr. Design Team Project, 20XX-20XX**

* Designed preliminary trail and parking lot options using GIS files in Google Earth and ArcGIS
* Visited the park several times to talk with the client and to survey the area
* Presented preliminary design options to both the civil engineering faculty and the client for review
* Outcome: Final design will be presented in spring 2018 and implemented by the park in summer 20XX

**TECHNICAL EXPERIENCE**

**Bair, Goodie and Associates, Inc. (BGA)** New Philadelphia, OH

***CQA/AutoCAD Technician*** May 20XX to August 20XX

* Tested soil for compaction using nuclear density gauge
* Wrote and submitted daily reports and final project report by using observations and field data
* Used AutoCAD Carlson Civil to create drawings for landfill designs and calculate two surface volumes
* Assisted surveyor with property and landfill surveys as a rodman
* *Outcome:* BGA’s client completed their land development site project by submitting all required compaction tests and the final project report; BGA completed several drawings, two surface volume calculations, and leachate calculations for landfills

**H&H Enterprises** Andover, OH

***Construction Intern*** May 20XX to August 20XX

* Learned and experienced Horizontal Directional Drilling firsthand
* Worked as construction laborer on city water line installation project
* Assisted surveying job site as a rodman
* Assisted in excavating land and laying gravel for sidewalk and parking lot
* *Outcome:* H&H Enterprises received affordable and flexible labor both at the office and on site

**ONU Concrete Canoe Team** Ada, OH

***Hull Design Officer/Mix Team/Rower*** Fall 20XX to May 20XX

* Performed hull design and hydrostatic analysis for canoe
* Collaborated with other engineering students to optimize concrete mixes for strength and buoyancy
* Constructed physical canoe with group members
* Practiced rowing with team to compete every Spring
* *Outcome:* Placed 2nd in the 20XX competition

**DDM Web Services** West Chicago, IL

***Web Assistant*** June 20XX to May 20XX

* Wrote tutorial web pages for repairing garage doors and dock levelers
* Supported coworkers at local residences to repair garage doors and recorded video footage for YouTube tutorials
* Edited photo and video footage using Adobe Photoshop and Lightroom
* *Outcome:* DDM Garage Doors had a significant increase in garage door part sales due to the tutorials posted by DDM Web Services

**INVOLVEMENT AND VOLUNTEER WORK**

**American Society of Civil Engineers (ASCE), 20XX-Pres; *Secretary, 20XX-20XX***

**ONU Student Senate, 20XX-20XX; *College of Engineering Representative***

**STEM Academy Day, 20XX-May20XX; *Volunteer Workshop Leader***

**SKILLS**

* **Software:** AutoCAD Carlson Civil, HELP Model Software
* **Other:** Spanish (limited working proficiency)
* **Certifications:** Nuclear Gauge Safety Certification, Hazmat Certification