

Michaela G. Biske

Address: 5500 Wabash Avenue, Terre Haute IN 47803

Email: biskemg@rose-hulman.edu

Number: 864-363-4324

Objective: Seeking internship in the civil engineering field to obtain additional knowledge and experience.

Education: **Bachelor of Civil Engineering** May 2020
Rose-Hulman Institute of Technology, Terre Haute, IN
GPA: 3.0

Skills: Surveying, ArcMap, AutoCAD, Visio and SolidWorks

Classes: Water Resources, Cost Engineering, Construction Engineering, Concrete Design, Soil Mechanics, Structures, Hydraulics, Thermodynamics, Surveying, Mechanics of Materials, Sustainable Design, Geographic Information Systems, Intro to Transportation, Graphical Communication, Intro to Design

Experience: **The Corradino Group**, Indianapolis, IN Summer 2018
Engineering Intern

- Preliminary Design of J-Turn Intersection at SR 3 at Waits Road: preformed geometric layout in AutoCAD following Indiana Design Manual guidance (IDM)
- INDOT Statewide on Call Safety Studies: plotted crashes in GIS, analyzed crash patterns, countermeasures, report preparation, site visits, cost estimates and coordination with client and stakeholders
- Vigo County Industrial Park: performed field survey to prepare ALTA survey for subdivision plots
- National Environmental Policy Act (NEPA): prepared Early Coordination Letters, Red Flag Investigation and Section 106 Minor Project Programmatic Agreement (MPPA) requests for numerous Small Structure Replacement projects

Rose-Hulman Operation Catapult, Terre Haute, IN Summer 2017
Hall Director

- Introduced students to Rose-Hulman and STEM
- Managed a hall of thirty-six girls
- Worked in a team of thirteen counselors

National Student Leadership Conference, Chicago, IL Summer 2016
Assistant Team Advisor-Engineering

- Taught high school students about engineering and leadership
- Assisted with program organization and event set-up
- Worked in a group of six team members

Activities: Climbing Club ASCE (Vice-President 2019)
Society of Women Engineers Concrete Canoe
Rose-Hulman Army ROTC Engineers without Borders
Rose-Hulman Career Service Team Army Ranger Challenge Team