

DANIELLE MILLER

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GPA: 3.87/4.00

OBJECTIVE

Senior civil engineering student who recently passed the Fundamentals of Engineering Exam. Hoping to use problem solving, customer service, and good work ethic skills with a team. Eager to apply my knowledge to multiple aspects of engineering and improve my engineering judgement skills.

SKILLS & ABILITIES

Software: Civil 3D, Google Earth, MicroStation, Excel, ArcGIS Pro, SAP2000, Mathcad, R Studio, Matlab, Java

Skills: Teamwork, Organization, Efficiency, Communication

ORGANIZATIONS

Tau Beta Pi
Society of Women Engineers
Club Basketball
Wilderness Adventure Club

EDUCATION

B.S. CIVIL ENGINEERING |MAY 2022| SAINT LOUIS UNIVERSITY

WORK EXPERIENCE

CIVIL ENGINEERING INTERN | THOUVENOT WADE MOERCHEN
MAY 2021-PRESENT

- Used GIS Software to communicate to the survey crew.
- Referenced map images for 40 cities in Civil 3D.
- Worked on an ADA sidewalk project using fieldwork with a smart level and designing prototype sidewalks and curb ramps in Micro Station.
- Used MO OneCall to create design tickets for utilities and coordinated with companies for 60 routes.

CIVIL ENGINEERING INTERN | WISCONSIN DEPARTMENT OF TRANSPORTATION
MAY 2020-AUGUST 2020

- Analyzed crash and traffic volume date using Excel.
- Revised more than 73 traffic signal plans with Civil 3D.
- Mapped speed zones on Google Earth. Measured pedestrian crossings with a wheel tool and calculated timing.
- Learned to communicate effectively and adjust to teleworking

SERVICE AND ORGANIZATIONS

FALL ORIENTATION LEADER | SAINT LOUIS, MO
AUGUST 2021

- Moved in 2000 first-year students over the course of two days.
- Welcomed first-year students through social events, small group discussions, and a class tour.

OVERGROUND RAILROAD TUTOR | SAINT LOUIS, MO
SEPTEMBER 2019-PRESENT

- Tutored a fourth and eighth grader in reading and math.

AMERICAN SOCIETY OF CIVIL ENGINEERS
VICE PRESIDENT

- Restarted the club after a year without it due to Covid.
- Organized meetings, contacted speakers, and planned networking events.