

Katelyn Keller

www.linkedin.com/in/katelyn-keller | katelynakeller@yahoo.com | (504) 609-0106

1408 Sylvia Avenue, Metairie, Louisiana, 70005

OBJECTIVE

To continue advancement in the field of water resources engineering

EDUCATION

		COMPLETION	GPA
Master of Science – Earth and Environmental Sciences; Graduate Certificate in River Science and Coastal Engineering	Tulane University	May 2022	
Bachelor of Science – Civil Engineering; Minor in Mathematics	University of Louisiana at Lafayette	May 2020	3.43
Completion of Fundamentals of Engineering Exam – (Civil FE)	State of Louisiana	January 2020	

RESEARCH EXPERIENCE

Water Resources Undergraduate Research Assistant **January 2019 – May 2020**
Lafayette, La

- Modeled the watershed delineation of Ille de Cannes watershed using QSWAT
- Modeled the effects of land use, precipitation, and soil type on the watershed using QSWAT
- Prepared a binder to instruct future research students on how to model similar watersheds

Transportation Undergraduate Research Assistant **May 2019 - December 2019**
Lafayette, La

- Attended professional training in pedestrian safety/crash analysis at the Louisiana Transportation Research Center
- Collected crash data and roadway geometric features using ArcGIS and Google Earth
- Trained fellow student workers on pedestrian code analysis
- Performed data cleaning and crash analysis using Excel and Tableau software
- Investigated the effect of roadway and crash characteristics on the frequency and severity of pedestrian crashes
- Submitted a research paper to the Transportation Research Board (TRB) 2020 Annual Conference

RELEVANT COURSEWORK/PROGRAMS

Transportation Engineering, Synchro; Highway Engineering; Steel Design; Foundations Engineering; Hydrology and Hydraulics Modeling, HEC-RAS and HEC-HMS; Environmental Engineering and Lab; Introduction to CAD; Industrial Economics; Geotechnical Engineering and Lab; Surveying

ACHIEVEMENTS

- | | |
|--|------------------|
| • Recipient of LaDOTD/LTRC SASHTO Scholarship | Spring 2019 |
| • Treasurer for Institute of Transportation Engineers (ITE) | Spring/Fall 2019 |
| • Secretary for Institute of Transportation Engineers (ITE) | Spring/Fall 2018 |
| • Undergraduate Academic Excellence Scholarship | 2015-2016 |
| • Taylor Opportunity Program for Students Honors Scholarship | 2015-2019 |

VOLUNTEERING & EXTRA CURRICULAR ACTIVITIES

- Team Captain of Blue-Sky Competition for ASCE Deep South 2019
- Attended Deep South ITE Quiz Bowl 2018/2019
- Active Member of American Society of Civil Engineers (ASCE) and Society of Women Engineers (SWE)
- Returning Volunteer for the Women's Shelter of New Orleans

References Available Upon Request