

# Katelyn Keller

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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

<b>Water Resources Undergraduate Research Assistant</b>	<b>January 2019 – May 2020</b> <b>Lafayette, La</b>
<ul style="list-style-type: none"><li>Modeled the watershed delineation of Ille de Cannes watershed using QSWAT</li><li>Modeled the effects of land use, precipitation, and soil type on the watershed using QSWAT</li><li>Prepared a binder to instruct future research students on how to model similar watersheds</li></ul>	
<b>Transportation Undergraduate Research Assistant</b>	<b>May 2019 - December 2019</b> <b>Lafayette, La</b>
<ul style="list-style-type: none"><li>Attended professional training in pedestrian safety/crash analysis at the Louisiana Transportation Research Center</li><li>Collected crash data and roadway geometric features using ArcGIS and Google Earth</li><li>Trained fellow student workers on pedestrian code analysis</li><li>Performed data cleaning and crash analysis using Excel and Tableau software</li><li>Investigated the effect of roadway and crash characteristics on the frequency and severity of pedestrian crashes</li><li>Submitted a research paper to the Transportation Research Board (TRB) 2020 Annual Conference</li></ul>	

## 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*