

# Nathaniel Steadman

(682)-225-4433

nathaniel.leander@yahoo.com

## Summary of Skills

- Academic Preparation for Civil Engineering and Sustainable Engineering techniques
- Experience with software such as Civil 3D, Microsoft Office, and HEC-RAS
- Strong oral and written communicator with attention to detail
- Experience working in diverse environments

## Education

### **Bachelor of Science in Civil Engineering**

Minor in Sustainable Engineering

University of Texas at Arlington, anticipated graduation: December 2020

**GPA: 3.624**

## Work Experience

### **Undergraduate Research Assistant**

**March 2019 – Present**

- Conducted experiments to characterize soil samples collected from repair sites of leaking natural gas pipelines
- Created and maintained spreadsheets for collected data from experiments and surveys conducted
- Analyzed and interpreted qualitative survey data

### **Maverick Activities Center – Building Manager**

**January 2017 – Present**

- Hire, train, and supervise building staff
- Acting point of contact for all patron and staff related concerns
- Develop and exercise effective communication skills in stressful situations

## Research Projects

### **Undergraduate Research Opportunity Program (UROP)**

**Summer 2020**

*Evaluating Physics-Based Atmosphere Dispersal Model for Quantifying Methane Emission Rates from Natural Gas Pipelines*

### **Independent Research Course**

**Spring 2020**

*Setback Distances for Natural Gas Pipelines*

### **Research Undergraduate Experience (REU)**

**Spring 2019**

*STEM Communication: Pathway to Success for Mercury Elimination in Artisanal Small-Scale Gold Mining*

## Organizations/Involvement

American Society of Civil Engineers (ASCE)

**2018 – current**

ASCE Concrete Canoe Team

**Fall 2018 – Spring 2019**

- *Participated in 5<sup>th</sup> Annual ASCE TX Student Symposium in 2019*

Engineers Without Borders (EWB) – *Project Lead*

**Fall 2019 – Spring 2020**

Chi Epsilon

**Spring 2019 – current**

## Awards

- Student Volunteer of the Year, *Safe Star*, Safe Haven **2016**
- Outstanding Freshman Award, University of Texas at Arlington **2016**