

OBJECTIVE:

To obtain my M.S. in Civil Engineering and start off in my professional career as an engineer in the field of Construction Design and Management. I would like to earn experience through hard work and dedication and put my knowledge and skills to the test in both the field and in the workplace. I plan to achieve my Professional Engineering (PE) License in a near future.

EDUCATION**The University of Texas Rio Grande Valley, Edinburg, TX**

Anticipated Graduation:

Master of Science in Civil Engineering – Construction Management**May 2022**Bachelor of Science in Civil Engineering**May 2019**Activities:

Senior Design – Captain

Spring 2019

- *Coordinated planning, communication, and job responsibilities among the team members.*

M.ASCE – Member

Fall 2019 – Fall 2021

ASCE Student Chapter Member

Spring 2017 – Spring 2019

- *Local chapter and affiliate member of the American Society of Civil Engineers (ASCE).*

Competition:

UH Direct Energy Innovation Challenge, Houston, TX

Fall 2015 – Spring 2016

- *Awarded 3rd place for project design of self-sufficient and sustainable housing with practical, on budget and environmentally friendly designs to be implemented in Harris County 3rd ward housing projects.*

Publication/Presentations:

Canadian Society for Civil Engineering Construction Specialty Conference (CSCE), Presented and published research paper #580, “Towards A More Sustainable Approach To Evaluate Brownfields” and attended the CSCE Virtual Conference and Civil Engineering Triennial Summit 2021. The work was published in the book series [Lecture Notes in Civil Engineering – Proceedings of the Canadian Society of Civil Engineering Annual Conference 2021. CSCE21 Volume 1/ CSCE21 Volume 2/ CSCE21 Volume 3/ CSCE21 Volume 4/ CSCE21 Volume 5].

January 2021 – May 2021**South Texas College, McAllen, TX**Associates of Science in Engineering**May 2016**

RELEVANT EXPERIENCE**The University of Texas Rio Grande Valley, Edinburg, TX****August 2019 – October 2021**Civil Engineering Department – Graduate Assistant/Teacher Assistant

- *Currently working as a graduate assistant for Dr. Mohamed Abdel Raheem, in the research topic of sustainable Brownfield remediation & land recycling. Several responsibilities around the Civil Engineering department include being a TA for several of the department’s undergraduate courses.*

WORK EXPERIENCE**Keppel AmFELS, Brownsville, TX****August 2019 – January 2020**OLTP – Production Engineer

- *Worked as a Production Engineer and oversaw and conducted panel line inspections and assembly of outfitting kits for projects P.210 and P.211 for Keppel-AmFELS. Involving construction of the brand-new LNG-Fueled ‘OHANA’ Class containerhips for use in the Hawaii trade routes, for the Hawaii transport lines.*

Steel Systems & Supply de Mexico SA de CV, Reynosa, Tamaulipas **August 2015 – January 2016**
Translator/Shipping Coordinator

- *Responsible for communicating, translating and dealing with potential businesses and companies in the field of petroleum machinery. Attended the yearly Offshore Technology Conference (OTC) in Houston, TX.*

SKILLS

Language: Bilingual; Able to read, write, and speak English and Spanish fluently.

Computer Literate: Microsoft Word, PowerPoint, Excel, Microsoft Teams.

Computer Software Literate: Virtual Basic (VBA), Matlab, HTML, Microsoft Visual Studio, Arduino.

Civil Design Software Experience: Autocad, Civil 3D, Solidworks, AVEVA, HEC-HMS, HEC-RAS.