# 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 containerships 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 Virtual Studio, Arduino.

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