

MICHAEL HALEY

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EDUCATION

Texas A&M Corpus Christi January 2017 - August 2019
Bachelor of Geology Overall GPA: 3.864
Relevant Coursework: Structural Geology, Petroleum Geology, Geophysics, Hydrogeology

EMPLOYMENT AND RESEARCH EXPERIENCE

Center for Academic Student Achievement Corpus Christi, TX
Tutor and Supplemental Instruction Leader Nov 2018 - May 2019

- Lead individual tutoring sessions as well as group tutoring to help students reach their academic goals.

TECHNICAL STRENGTHS

Software & Tools ArcGIS, Surfer, Microsoft Office (Word, PowerPoint, Excel) , ENVI, SARscape

Computer Languages MATLAB, Octave

ACADEMIC PROJECTS

Tornillo Pecan Farm El Paso, TX
Field Hydrogeology June 2019

- Collected field data from wells located at the pecan farm and created spreadsheets of the tested parameters.
- Input the data into ArcGIS to create various maps of the area such as Salinity, pH, groundwater elevation and groundwater flow maps.

Mapping Land Subsidence Using Interferometric Techniques Corpus Christi, TX
Directed Independent Study June 2019 - Aug 2019

- Created interferograms over south Texas by processing SENTINEL-1 data in the SARscape interface.
- Generated a written report with high written skill describing processing work flow to document the subsidence patterns seen in south Texas improving written skills.

Remedial Investigation/Feasibility Study

RI/FS conducted over a landfill site in Phoenix, Arizona. A remedial investigation was conducted on the sites history as well as a subsequent feasibility study to design the most practical and economic solution for the landfill.

HONORS AND FELLOWSHIPS

Dean's List Texas A&M Corpus Christi
2017-2019

Houston Geological society
2016-2018

Corpus Christi Geological Society
2016-2018