**EDUCATION**

**Bachelor of Science, GIST – ESA Track Expected: May 2021**

*Texas A&M University, College Station, TX*

*Relevant Coursework:**Geology, Environmental Change, Human Geography, Bioenvironmental Science*

*Planned Coursework*: Data Analysis in Geography, GNSS, Remote Sensing GEOS, Geodatabases, Principles of GIS, Advanced GIS, GIS Practicum

**Indiana University High School May 2017**

*Bloomington, IN*

**RELEVANT WORK & PROJECT EXPERIENCE**

**Gulf Coast Hurricane Mapping**  2018

*GEOG 205 Course Project*

**Gathered and synthesized Gulf Coast GIS data on physical geography features (hurricane track, severity, effect on landscape) from ArcGIS Online. Visualized hurricane tracks and damage using ArcMap.**

**Desertification Mapping**  2018

*GEOG 205 Course Project*

**Digitized and georeferenced aerial imagery of Uzbekistan from ArcGIS Online (FAO, NAOO, USGS) with ArcMap. Performed remote sensing analysis to determine and map the effects an impacts of desertification.**

**Sea Level Rise Mapping**  2018

*GEOG 205 Course Project*

**Data discovery and extraction from ArcGIS Online (NOAA) data repository for North American shoreline sea level rise information. Tabular data analysis to determine relative sea level trends across locations and time. Published results to ArcGIS Online.**

**Glacial Change Mapping**  2018

*GEOG 205 Course Project*

**Used digitized Wisconsin 1969 glaciation sequence imagery from ArcGIS Online to identify physical geography formations and deposition sites of downslope material (sand, rocks, etc). Analyzed effect of Himalayan glaciers on water body formations.**

**Alamar Equine January 2014 – Present**

*Assistant, Long Valley, NJ*

* Assisted with financial paperwork, annual competition and layover plans, and horse riding and training.

**Tryon International Equestrian Center May 2017 – August 2017**

*Assistant, Tryon, NC*

* Organizes official paperwork, presented awards, assisted spectators.

**JustWorld International January 2012-Present**

*Ambassador, Wellington, FL*

* Organized fundraisers, promoted the organization, worked with fellow ambassadors to better the organization.

**Caps of Love August 2015-August 2017**

*Ambassador, Wellington, FL*

* Partnered with Step-by-Step Foundation, collected bottle caps, helped fund children with cleft palates.

**SKILLS**

* Esri ArcMap, ArcGIS Online, GitHub, MS Office (Word, Excel)
* Self-driven and highly organized individual, able to set and meet goals.
* Strong communication skills and adaptable to relate and work with a wide variety of people.

**Portfolio**

* ArcGIS Online portfolio available at: <http://bit.ly/2CQtnkY>