

## EDUCATION

### Master of Science in Geographic Information Science

September 2019-Expected 2021

Clark University, Worcester, Massachusetts

Overall GPA: 4.0

### Bachelors of Arts in Anthropology

September 2014-December 2016

DePaul University, Chicago, IL

Pontifica University, Lima Peru, Exchange Program

July - November 2015

## SKILLS

**Languages:** Fluent in Spanish

**Applications & Software:** ArcMap, ArcPro, PostgreSQL, PostGIS, Terrset, QGIS, Google Earth Engine, Wordpress, Sharepoint, Insightly, Illustrator, Weebly, Photoshop, Dreamweaver Qualtrics, SPSS, Hootsuite, Hubspot, SocialPilot, Google Analytics, Google Ad Words, Google Data Studio, Mailchimp, Survey Monkey

**Computer Languages:** HTML, JavaScript, CSS, SQL, R, Python

**R Packages:** Tidyverse (dplyr, ggplot2, rvest, tibble, tidyr, stringr, lubridate, purrr, magrittr, readr), sf, sp, rgdal, raster, rasterVis,

tmap **Python Packages:** ArcPy, NumPy, Pandas, BeautifulSoup, Selenium

## EXPERIENCE

### Remote Sensing Research Assistant

Clark Labs, Worcester, MA

May 2020 - Present

- Research and develop methodology for conducting variable and algorithmic exploration.
- Perform country-level regional modeling of land change vulnerability from ESA CCI Land Cover data from 2000-2018 for 2050 using uncovered land cover transitions for that 2000-2018 interval.

### Graduate Teaching Assistant, *Spatial Analysis of Health*

Clark University, Worcester, MA

October 2019 – May 2020

- Designed and Instruct weekly lab sessions utilizing ArcPro & QGIS GIS analysis tools
- Developed homework assignments/in-class demos, graded assignments, critiqued cartographic products
- Supported students with troubleshooting in-class and during office hours

### Digital Marketing Strategist & Social Media Manager

April 2017 - August 2019

The Davis Theater/Carbon Arc Bar & Board Group, Chicago, IL

- Designed and managed a Google Analytics and digital skill development Internship program for a team of 10
- Conceptualized and curated social media pages for the businesses with a total audience of over 6,000
- Leveraged research and tools to populate digital/social customer profiles; created strategic programs/campaigns using consumer insights; and monitored KPIS in line with business objectives/goals

### Digital Communications Specialist, *FARM Illinois Contract Consultant*

September 2018 - December 2018

Foresight Design Initiative, Chicago, IL

- Coordinated the Horizon21C event in sustainable agriculture sector for Executive B2B networking and strategic alliances
- Created web page & social media content; audited, analyzed and evaluated social media channel using Hootsuite and insights pages from LinkedIn and Twitter
- Conducted SEO traffic, link, and keyword audits to optimize for rankings, Google algorithms, and search terms

### Education Program Development Assistant/Store Associate

February 2017 - August 2018

National Hellenic Museum, Chicago, IL

- Coordinated children's educational programs for field trips of up to 120 students
- Created multiple tours of the city highlighting contributions of Hellenism to the skyline and neighborhoods of Chicago
- Collaborated with the Education team on school outreach/business development

### History & Architecture Research Intern

November 2016 - April 2017

PBS/WTTW Channel 11, Chicago, IL

- Aggregated and organized archival articles, maps, images, film, and video to create content for the "Ask Geoffrey" segment
- Wrote scripts containing researched content for the "Ask Geoffrey" segment of the nightly televised Chicago Tonight
- Developed and planned production shoots

### Research Assistant

January - April 2017

DePaul University- College of Liberal Arts and Social Science, Chicago, IL

- Designed and developed an interdisciplinary website hosted through DePaul promulgating GIS work completed by students/professors within the College of Liberal Arts and Social Sciences
- Practiced SEO to augment potential viewer base beyond that of the DePaul students and staff
- Utilized Google Analytics to track monitor Website growth and investigate potential KPIS