

Tara Krantz

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EDUCATION

Northwestern University, Evanston, IL

Expected June 2021

Bachelor of Arts in Environmental Science; Bachelor of Arts in Spanish

- Cumulative GPA: 3.69/4.00 | ACT: 33/36

WORK EXPERIENCE

Drawbridge Solutions, *Intern*, Chicago, IL

January 2021 – Present

- Collaborate with teammates to generate non-profit partner project proposal with the YWCA and an informative database containing information on project relevance, product development, financial projections, future marketing, etc.
- Research, collect, and build Excel scoring system to evaluate relevant alliance organizations and incentives such as grants, in-kind donations, and loans for developing non-profit organization

Norris Outdoors, *Attendant Supervisor*, Evanston, IL

January 2018 – Present

- Oversee multiple attendants to ensure quality customer service and efficient rental procedures
- Develop creative rental procedures and promotions in the midst of the Covid-19 pandemic to make operations possible

North Star Camp for Boys, *Wilderness Trip Leader*, Hayward, WI

June – August 2019 & 2020

- Guided multi-day canoeing and backpacking trips for campers between 3rd grade and 9th grade
- Taught Leave No Trace principles and other backcountry practices to campers before and during trips
- Coordinated logistics for meals, outdoor gear, and medications, and transportation to drop off and from pick up points

TECHNICAL EXPERIENCE

Geographic Information Systems (GIS) Group Project

January – March 2020

- Researched geospatial databases in order to find quality data representing a significant, real world problem
- Analyzed and compared amount of substantial wildfire in the US using GIS methodology by way of data manipulation, point density spatial analysis, buffering, etc.
- Produced a 6-map final project report assessing the increase in large scale wildfires in the US as well as the potential effects on endangered species habitat

R for Data Science

January – March 2020

- Learned critical tools used in scientific research in evaluating data spanning from basic R programming skills to advanced skills including data management, visualization and analysis of spatial data such as weather and satellite imagery data
- Applied central course concept to real-world scenarios using weekly case studies

School for International Training, Ecuador, *Independent Research*

October 2019 – December 2019

- Designed and conducted an independently run research project focused on agro-ecology by way of performing field research, lab identification work, data analysis, etc.
- Completed a 30-page research paper, “Effectiveness of Different Agricultural Management Styles as Insect Biological Corridors” published in School for International Training database

LEADERSHIP EXPERIENCE

Northwestern Undergraduate Energy Club, *Vice President of Outreach*, Evanston, IL

May 2020 – Present

- Recruit relevant speakers from the energy industry to present to interested students on their work and the energy field
- Moderate panels of young alumni involved in the energy industry

Northwestern University Dance Marathon, *Community Engagement Co-Chair*, Evanston, IL

April 2020 – Present

- Plan, organize, and execute engagement events with the NUDM beneficiaries to facilitate positive and meaningful interactions, and encourage dancers to meet fundraising goal of \$1 million
- Launch new education initiatives such as internal social justice trainings for NUDM committees and external speaker series by soliciting relevant speakers and manage a 20-person committee to cultivate successful events
- Evaluate operating grant applications as part of the Evanston Community Foundation Grant Committee

Alternative Student Breaks, *Trip Leader Coordinator and Trip Leader*, Evanston, IL

April 2019 – March 2020

- Secured and trained student leaders in ASB conduct and various risk management scenarios to create successful guides for multiple student service trips
- Led a 12-person service trip to Mission: Wolf, a sustainable wolf sanctuary in Westcliffe, CO

ADDITIONAL SKILLS

Technical: Microsoft Excel, GIS, R Studio, exposed to biostatistics such as β diversity

Language: English (native) Spanish (proficient)

Interests: backpacking, Cleveland sports, vegetarian cooking, travel