Ameen Asbahi
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EDUCATION

University of Michigan, Ann Arbor Expected Graduation: December 2024
Program in the Environment – Sustainable Systems, Conservation Biology Cumulative GPA: 3.6/4.0
Relevant coursework: Sustainable Finance, Business and the Natural Environment, ArcGIS, Conservation Biology, Statistics

PROFESSIONAL EXPERIENCE

Conservation and Coexistence Research Group, The University of Michigan September 2023 – January 2024
Undergraduate Researcher *Ann Arbor, MI*
- Analyzed over 80 hours of data with BORIS software. Used my recorded data and a machine learning model to match tiger behavior and accelerometer directionality and frequency, with the goal of creating the first data set of its kind for behavioral research in tigers.
- Analyzed primary camera trap data using Excel to calculate and compare populations of common large mammal species in two conservation areas outside Homer, Alaska.

The National Park Service, Mosaics in Science June 2023 – September 2023
Data Analyst Intern
- Analyzed primary data of subalpine vegetation monitoring using R software, visualized data into an extensive HTML markdown document with graphs, tables, and charts of primary biodiversity and species abundance levels.
- Conducted field research and data collection for a long term sub-alpine vegetation monitoring study, characterized by 8-day field backpacking hitches with a team of two other scientists.
- Wrote a grant proposal outline for an ethnobotanical garden space at Mount Rainier for Indigenous tribes.
- Presented my research to administrators at the Department of the Interior in Washington D.C, showing how species composition has changed in these subalpine zones.

SFS Tanzania, Wildlife Management Studies
Ecological Researcher
- Conducted a habitat quality assessment of the grassland habitats of Randilen Wildlife Management Area. Collected samples over 150 different species of the herbaceous layer, assessing species diversity, richness, and composition.
- Also assisted with field research for a large mammal species and habitat preference research project. Surveyed large mammal populations by car across different habitats Randilen WMA, collecting population demographic data.
- Presented results and conclusions to over 100 stakeholders of Randilen WMA and surrounding conservation areas in Rhotia, TZ.

The Morton Arboretum May 2022 – August 2022
Urban Forestry Operations Intern *Chicago, IL*
- Independently launched a project to tag trees with QR codes, through the Curio.xyz app, with virtually interactive mini-games and scientific information at Chicago-land Park districts and city-colleges. This involved reaching out to over 60 different park districts, over 10 campuses, and communicating with these stakeholders continuously over my internship period.
- Provided direct stewardship to help execute tree plantings through strategy meetings.
- Added over 200 virtual resources to the company website resource page through WordPress and Excel software.

EXTRACURRICULAR & LEADERSHIP EXPERIENCE

Epsilon Eta – Environmental Professional Development Organization Sep 2022 – January 2024
Member *University of Michigan*
- Engaged in weekly volunteer opportunities, informational meetings, career chats, and networking opportunities with other fraternity members to build a foundation for a career in the environment.
- Mentor for underclassman, spoke on an internship panel talk for the Program in the Environment major.

SKILLS & INTERESTS

Honors and awards: EdX ArcGIS certification 2022, Middlebury Certificate of Arabic Achievement Summer Language Program 2020, Wilderness Remote Location First Aid Certification
Skills: Arabic (conversational), Spanish (conversational), ArcGIS, R software, Public Speaking, Field Research Skills, Microsoft Office, G Suite (professional working proficiency), Java (working proficiency),
Interests: Entrepreneurship, renewable energy, botany, skiing, backpacking, anthropology, religious studies