

First Last

City, Prov. | 604 [REDACTED] | [REDACTED]@gmail.com

Education

[REDACTED] University, City, Prov.

- Bachelor of Science in Biology Sept 2017 — Dec 2022
 - Minor in Statistics
 - CGPA: 3.6

Professional Experience

Company

Feb 2022-Nov 2022

Data Imagery Technician

- Identified species based on key morphological and behavioral characteristics
- Helped to train and maintain machine learning algorithm designed to detect species using image data
- Explored research and development goals related to pest management technology and further analysis of agricultural data

[REDACTED] University

Sept 2020 — May 2022

Undergraduate Student Researcher

- Created and managed several large species data sets along with characteristics that affect their appearance in surveys
- Conducted statistical modelling in R to predict the extinction probability of [REDACTED] species based on key characteristics of previously extinct species
- Leveraged big data to discover patterns and factors that affect species occurrence globally
- Presented research updates and reports to colleagues and senior researchers both orally and through proper scientific literary format
- Interpreted results in context of research topics and suggesting further research

Leadership Experience

[REDACTED] University

Sept 2021 — Dec 2021

Teaching Assistant

- Developed and delivered learning content to 20+ students of varying academic levels
- Provided timely and frequent feedback to students, fostering an environment of open communication and interest in discovery

Projects

- Collected data on 35,000 species from the IUCN Redlist of endangered species
- Used R and SQL to clean and reformat data
 - Standardized text data into usable variables
 - Dropped species seen in the last 50 years, removed undesirable columns, joined multiple tables into one csv data frame
- Used Power BI to develop interactive dashboard with filter features and frequency map
- Recommended several improvements to database management and structure in a peer reviewed article to help improve data quality and reliability.

Skills

Proficient in SQL, R, SAS, Excel, Power BI, Power Apps