

EDUCATION

College of William and Mary (W&M) · Williamsburg, VA
B.S. in Biology, Minor in Data Science · GPA: 3.3 · May 2022

EXPERIENCE

Product Development Intern · Sustainable · Pittsburgh, PA (Remote) · Spring 2022

Built an algorithm using historical revenue data to provide entrepreneurs with accurate revenue projections.

- Researched accurate and reliable business data to use for projects.
- Built a python dictionary to map an industry list to SIC codes.
- Created revenue projections for clients catered to their industry.

Undergraduate Researcher · ACER Lab at W&M · Williamsburg, VA · 2019-2022

Applied occupancy models using R and Microsoft Excel to discover important environmental factors for frog conservation.

- Used GPS units to locate pond sites for calling surveys and data collection.
- Learned frog mating calls to recognize species and collected environmental data such as temperature and noise level.
- Tested the performance of different occupancy models to find which environmental covariates are important for frog occupancy.

GIS Analyst · Geospatial Lab at W&M with partner American Prairie · Williamsburg, VA · Spring 2022

Identified undisturbed grasslands in Montana using ArcGIS Pro in an effort to better understand the carrying capacity of the land.

- Searched for data such as NLCD, LiDAR, and NDVI layers.
- Created a time-series layer using NLCD data from multiple years to analyze trends in land-use.
- Effectively presented progress and findings to peers, supervisors, and partner American Prairie throughout the program.

Student TA · Intro to Ecology, Evolution, and Organisms · Williamsburg, VA · 2020-2021

- Presented a “guest” lectures for 200+ students on Urban Ecology.
- Helped students during weekly office hours by explaining difficult biological concepts and offering resources in line with course material.
- Supported professors by communicating students’ concerns or struggles in the course and developing exam questions based on material presented in class.

Shift Leader · Cold Stone Creamery · Alexandria, VA · 2019-2022

- Supervised coworkers to open or close the store by communicating effectively and delegating tasks.
- Managed the store alone by multitasking building and decorating cakes, making ice cream, and prioritizing customers.
- Helped customers by informing about store products, taking orders, and resolving any issues.

CERTIFICATIONS

Data Science Fundamentals with Python and SQL · Coursera & IBM · September 2022

<https://coursera.org/verify/specialization/KFBYTEEYCCA2>

SKILLS

Hard: Python, R, ArcGIS Pro, Microsoft Excel, SQL, Tableau, HTML

Soft: Project Management, Data analysis, Writing and Communication, Data Visualization, Attention to Detail, Customer Service