

LILY MCMULLEN

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SUMMARY

Second year student at University of Arizona studying Natural Resources with a concentration in Conservation Biology, as well as a minor in Computer Science and a certificate in Geographic Information Systems (GIS). Interest in conservation, ecological data science and data visualization. Learning R and RStudio, Python, Github/Git, ArcGIS Pro, and data science.

EDUCATION

University of Arizona, School of Natural Resources and the Environment	Tucson, Arizona
<i>Bachelor of Science in Natural Resources</i>	Class of 2025

- **Major:** Natural Resources (Conservation Biology)
- **Minor:** Computer Science
- **Certificates:** Geographic Information Systems Undergraduate Certificate
- **Current GPA:** 3.8
- **Distinctions and Awards:** Fall 2022 CALS Dean's List

Portland Community College	Portland, Oregon
<i>AAOT Transfer Degree</i>	2020-2022

- **GPA:** 3.5
- **Distinctions and Awards:** Fall 2020-Spring 2022 Honors: Dean's List

PROFESSIONAL, LEADERSHIP & VOLUNTEER EXPERIENCE

UNIVERSITY OF ARIZONA, RUYLE LAB	Tucson, Arizona
<i>GIS/Data Science Working Student</i>	January 2023-Present

- Working with ArcGIS pro and Python to develop an application that finds optimal coordinates for virtual fencing transmission towers.
- Participating in utilization field work at the Santa Rita Experimental Range.
- Monitoring video and photo data from wildlife cameras.

PEET'S COFFEE AND TEA	Lake Oswego, OR
<i>Barista</i>	July 2017–August 2020

- Communicated clearly and positively with my managers and coworkers.
- Multitasked by managing many tasks at once at one of the busiest coffee shops in the Portland area.
- Worked successfully in a large team, even in a chaotic environment.

LAKE OSWEGO HUNT CLUB	Remote
<i>Website Manager</i>	November 2022-Present

- Regularly update the facility's website with event information using HTML and CSS

SAGUARO STEWARDSHIP EXPERIENCE	Tucson, Arizona
<i>Volunteer</i>	November 2022-Present

- Volunteering once a month at Saguaro National Park learning about field skills and participating in ongoing restoration efforts.

SKILLS, ACTIVITIES & INTERESTS

Skills: Python, R, Git/Github, ArcGIS Pro, ArcPy, collaboration, adaptability, problem-solving, remote teamwork
Relevant Coursework: U Arizona: WFSC223-Dealing with Data in the Wild, RNR200-Conservation of Natural Environments, RNR496-Applied Data Science. Pima Community College: CIS129-Programming and Problem Solving I.