

# LILY MCMULLEN

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## SUMMARY

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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

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

<b>Portland Community College</b> <i>AAOT Transfer Degree</i>	<b>Portland, Oregon</b> 2020-2022
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- **GPA:** 3.5
- **Distinctions and Awards:** Fall 2020-Spring 2022 Honors: Dean's List

## PROFESSIONAL, LEADERSHIP & VOLUNTEER EXPERIENCE

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

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

<b>LAKE OSWEGO HUNT CLUB</b> <i>Website Manager</i>	<b>Remote</b> November 2022-Present
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- Regularly update the facility's website with event information using HTML and CSS

<b>SAGUARO STEWARDSHIP EXPERIENCE</b> <i>Volunteer</i>	<b>Tucson, Arizona</b> November 2022-Present
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- Volunteering once a month at Saguaro National Park learning about field skills and participating in ongoing restoration efforts.

## SKILLS, ACTIVITIES & INTERESTS

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**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.