

(865) 385-5477
Lake Arrowhead, California
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Zachary Webb

GIS Specialist

Portfolio:
[GitHub](#)
[LinkedIn](#)

SKILLS

Languages	Python, SQL, JavaScript, C, Dart
Tools	ArcPy, Git, React
ESRI Software	ArcMap, ArcGIS Pro, ArcGIS Online, Field Maps, and Survey 123

EXPERIENCE

GIS Specialist / Field Biologist <i>Ironwood Consulting</i>	SEP 2019 — Present <i>Redlands, CA</i>
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- Managed data for multiple projects, ensuring accuracy throughout the project's lifecycle
- Utilized Python for data analysis and map production, enhancing workflow automation and data visualization
- Developed maps using ESRI ArcMap, ArcGIS Pro, and ArcGIS Online for data collection in field environments and for use in project permits, proposals, and reports
- Utilized ESRI Field Maps and Survey 123 for efficient data collection in the field

Peace Corps Volunteer <i>Peace Corps Guyana</i>	JUN 2018 — AUG 2019 <i>Aishalton, Guyana</i>
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- Collaborated with community members to plan events and activities, fostering strong relationships and effective communication
- Led training sessions on lesson planning and teaching strategies, contributing to the improvement of educational programs
- Co-planned and co-taught science lessons for grades 3-6
- Organized and facilitated wildlife club meetings, promoting environmental awareness and conservation efforts

Student Intern <i>United States Department of Agriculture, ARS</i>	MAY 2017 — FEB 2018 <i>University Park, PA</i>
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- Collaborated with team to create an efficient system of sample collection in a field environment
- Followed standards of procedure for field gas analyzer and sample collection
- Reported field data and status to supervisor

EDUCATION

Bachelor of Science in Computer Science <i>Oregon State University</i>	DEC 2023
Bachelor of Science in Environmental Resource Management, Minor in GIS <i>The Pennsylvania State University</i>	MAY 2018

ACCOLADES

Oregon State University: Honor Roll
- Summer 2022, Fall 2022, Winter 2023, Summer 2023, Fall 2023

The Pennsylvania State University: College of Agriculture Dean's List
- Fall 2016, Spring 2017, Fall 2017, Fall 2018, Spring 2018