Mariam Garcia

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EDUCATION

Master of Environmental Data Science (Expected June 2024)
Bren School of Environmental Science & Management – University of California, Santa Barbara (UCSB)

Bachelor of Arts in Environmental Science and Policy , 3.3 GPA (June 2022)
University Name (acronym if applicable), location city, state
 <u>Honors/Awards</u>: Dean's Honor List
 <u>Involvement</u>: Muslim Student Union, Latino Business Student Association, Sunrise Movement

RESEARCH EXPERIENCE

Undergraduate Researcher
University of Washington School of Oceanography , Seattle, WA (7/22-8/22)
- Collaborated with oceanographic experts on projects pertaining to biological oceanographic data.
- Computed vertical nutrient profiles to predict concentration of phytoplankton with depth using Python.
- Gained a deeper understanding of data visualization and organization using Python packages including Xarray and Pandas by attending global satellite workshops.

Field Management Intern
University of California, Irvine Campus as a Living Lab (9/21-6/22)
- Mastered water sampling protocol and generated standards in calibrating research instruments before sampling.
- Cooperated with other interns in organizing effective methods of outreach by educating students at UCI about the San Joaquin Marsh and Ecological Preserve.

Water UCI
Undergraduate Research Fellow (1/22-6/22)
- Formulated and produced a survey to ask various water-affiliated organizations which research needs should be prioritized to explore key science questions addressed in Governor Newsom's California Water Resilience Portfolio.
- Contributed to the development of a workshop for stakeholders to address water security and equity concerns based on survey feedback to make water management more sustainable and address all groups impacted by water inequity.

ADDITIONAL EXPERIENCE

Crew Member – Qamaria Coffee , Fullerton, CA (5/23-8/23)
Maintained inventories by replenishing coffee bean supply; improved quality results from customer feedback as well as maintaining and improving the appearance of the store and coffee bar.

Summer Program Assistant – COSMOS UCI (6/21-8/21)
Helped organize and construct social hours for gifted high school students at a summer science camp. Engaged in and advised upper classmen in regard to their future undergraduate education.

SKILLS

Programming & Software: R, Python, ArcGIS, GitHub
Languages: Native Spanish & English Speaker, Basic Arabic