Gordon Blasco

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I am a data scientist at the National Center for Ecological Analysis and Synthesis. My work focuses on modeling of human impacts on the environment with a focus on fisheries and food systems. I am seeking a position where I can continue to grow my skills and work on impactful projects with an experienced and diverse team.

Education

B.S. in Environmental Studies with a Concentration in Chemistry – 3.6 GPA
University of California Santa Barbara 2019

Professional Experience

National Center for Ecological Analysis and Synthesis

Specialist   *2019 - Present*
- Responsible for data discovery, processing, and cataloguing
- Conduct spatial modeling of human activities and stressors at global scales using large and heterogeneous data sets
- Statistical analysis and modeling of causal drivers for spatial patterns
- Writing and supporting the preparation of scientific manuscripts

Santa Barbara Coastal Long-Term Ecological Research (UCSB)

Research Intern   *2017 - 2019*
- Contributed to projects focused on fish diet analysis and nitrogen uptake in giant kelp
- Personally designed experiment protocols and created reproducible documentation
- Learned best practices for collecting, entering, and safely storing complex data
- Became proficient with many common analytical methods used in environmental and biological research
- Extensive lab experience working with hazardous reagents, operating sensitive analytical equipment (i.e. mass spectrometer and spectroscope), and adhering to safety protocols

Department of Environmental Science Santa Barbara City College

Teachers Assistant   *3 Semesters 2016 -2017*
- Tutored students for 11 hours a week on concepts fundamental to environmental science
- Developed skills for communicating science to a wide audience

Skills

R – Confident using the full data pipeline from pulling and cleaning data, performing exploratory analysis, modeling, and presentation and communication. **3 Years of experience.**

GIS – Prefer to do spatial work in R where I have the most experience, but also comfortable using a graphical interface tool like QGIS if needed. Also familiar with using GRASS GIS for more complex modeling.

SQL – Limited professional experience due to a lack of need, but familiar with the fundamental concepts of SQL from online courses and self-guided learning. Willing and eager to learn more.

Professional writing and data visualization – Experience preparing multiple scientific manuscripts and figures that are in review or the last stages of completion, including a first authorship publication currently in review at the journal of Frontiers in Marine Science.