Kiran Favre

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EDUCATION

Master of Environmental Data Science, 3.90 GPA (June 2023)
Bren School of Environmental Science & Management – University of California, Santa Barbara (UCSB)
 Highlighted Coursework: Databases & Data Management, Geospatial Analysis & Remote Sensing
 Workshops: Measure/Map & Publish with ArcGIS Pro, Teach Me How to Google, Introduction to Shiny

Bachelor of Science in Environmental Sciences, 3.68 GPA (June 2022)
University of California, Santa Cruz (UCSC)
 Leadership: Council Member – Student Organization Leadership Council (9/20–6/22); Student
 Representative – Carbon Fund Committee (9/20–3/22)
 Awards: Dean's Honors List (4 quarters) | Study Abroad: Environmental Wildland Studies

SKILLS & TECHNICAL KNOWLEDGE

Programming Languages: R, Python, SQL
Computer Software: RStudio, MATLAB, Visual Studio Code, Microsoft Excel, PowerPoint, Canva
Technical Knowledge: Data Analysis, Data Visualization, Version Control, Technical Documentation

DATA SCIENCE PROJECTS

Improving Monitoring and Evaluation of Enforcement in Coastal Marine Protected Areas and Fisheries
Role: Database Consultant | Client: WildAid Marine | Master's Capstone Project (1/23–6/23)
- Developed a data entry application using RStudio to improve efficiency of client organization's data management system based on client's priority of reducing time spent on manual data compilation
- Created an interactive data visualization tool to showcase key metrics & client's impact to potential donors

Ocean Chemistry Prediction for California Cooperative Oceanic Fisheries Investigations
Master's Machine Learning Course Project, Kaggle Competition (3/23)
- Trained classification machine learning models to predict dissolved inorganic carbon in water samples
- Applied knowledge of data preprocessing and feature engineering to compete for best model performance

Equatorial Waves in Predicting El Niño Southern Oscillation and Climate Change Effects
Undergraduate Capstone Project (1/22–3/22)
- Generated research paper quantifying the relationship between atmospheric and oceanic drivers of El Niño Southern Oscillation using oceanographic and climatological data on equatorial wave properties
- Analyzed climate models using linear regression analysis in MATLAB

ENVIRONMENTAL EXPERIENCE

Fiscal Organizer – Student Environmental Center, Santa Cruz, CA (3/20–6/22)
- Orchestrated and led 10 environmentally focused events with attendance up to 200 people to promote the organization's new 'No Time to Waste' campaign to ban plastic dishware on campus
- Managed $300,000 budget including reviewing, allocating, and planning monthly spending with staff advisor

Climate Action Intern – City of Santa Cruz Climate Action Program, Santa Cruz, CA (1/20–3/20)
- Presented the City of Santa Cruz's Climate Action Plan for coastal erosion at 5 community events of 50+ people to gain community feedback on the importance of outdoor recreation space in policy decisions

VOLUNTEERING & ADDITIONAL EXPERIENCE

Additional Experience: Instructional Assistant – Lakeside Union Elementary School, Los Gatos, CA (3/21–6/22); Research Volunteer – Raimondi-Carr Lab, UCSC, Santa Cruz, CA (9/18–1/19)