

FELICIA CRUZ

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EDUCATION

Master of Environmental Data Science (Expected June 2022)

Bren School of Environmental Science & Management, University of California, Santa Barbara (UCSB)

Highlighted Coursework: Remote Sensing, Spatial Analysis

Teaching Assistant: Managerial Economics

Bachelor of Arts in Environmental Studies and Economics, 3.84 GPA (June 2021)

University of California, Santa Barbara

Honors/Awards: College of Letters & Science Honors Program, Dean's Honors, High Honors at graduation

PROFESSIONAL EXPERIENCE

Research Analyst, Community Indicators Project (10/20–6/21)

UCSB Economic Forecast Project, Goleta, CA

- Utilized R to clean and analyze datasets dealing with demographics and community indicators to make conclusions about the overall well-being and economic trends of Santa Barbara County
- Analyzed environmental datasets (e.g., air pollution, water quality, energy consumption) to visualize time-series trends and write analyses communicating research conclusions to a non-technical audience
- Collaborated with senior research analysts to maintain an updated website with all figures and analyses to educate the greater Santa Barbara community

Peer Advisor (2/20–6/21)

UCSB Undergraduate Department of Economics, Goleta, CA

- Assisted students in creating and completing their 4-year plans (e.g., class schedules, graduation requirements, prerequisite approval) by offering individualized help and guidance
- Communicated department policies to students related to entering and completing the Economics majors
- Collaborated closely with full-time advisors to address individual student situations and concerns

Operations Assistant (9/18–6/20)

UCSB Campus Learning Assistance Services, Goleta, CA

- Welcomed and processed incoming students, answered questions, and recommended tutoring services and workshops based on individual students' needs
- Streamlined administrative processes in collaboration with the business officer to boost productivity

RELEVANT PROJECTS

ArcGIS Analysis of California Heat Waves (12/19)

Explored how socioeconomic factors contributed to California regions being vulnerable to heat waves; utilized different data layers to visualize vulnerable areas and compiled an in-depth written analysis

Mock Business Proposal, Secondhand Retail App (6/19)

Collaborated to research an industry, design a fictitious app, and write a full-fledged business proposal; analyzed potential competing apps to highlight the new app's superiority

EXTRACURRICULAR INVOLVEMENT

Captain – UCSB Club Ultimate Frisbee Team (6/19–6/21)

Coordinated officer efforts; managed budget and travel logistics; exhibited on- and off-field leadership

Volunteer Online Tutor – Cub Support (7/20–3/21)

Assisted in the transition to remote learning; provided individual help to students in under-served communities

TECHNICAL SKILLS

Computer: Microsoft Office, Google Suite, Stata, ArcGIS

Programming Languages: R, Python, SQL