

Karlaine Kahealani Sales-Francisco

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EDUCATION

University of California, Berkeley — College of Engineering, College of Natural Resources	Berkeley, CA
Simultaneous Degree: Civil and Environmental Engineering (BS), Environmental Economics and Policy (BS)	
Regents' and Chancellor's Scholar	Expected Graduation: May 2025
Stockton Early College Academy & San Joaquin Delta College — High School, Dual Enrollment	Stockton, CA
Associate of Science: Mathematics and Science (High Honors)	GPA: 4.77/4.0
Associate of Arts: Arts, Humanities, and Social Science (High Honors)	Date of Graduation: May 2021

TOOLS

AutoCAD, StormCAD, WaterCAD, ArcGIS, Python, VBA
Tagalog, Ilocano, Limited Spanish

EXPERIENCE

Business Development Representative	San Rafael, CA
<i>Levitree</i>	January 2022 - July 2022
<ul style="list-style-type: none">Spearheaded strategic financial efforts of the start-up company alongside President Trip Allen, M.S. with emphasis on VC fundraising, internal affairs, grant proposals, and product developmentAssisted the Biomedical Researcher and Design Engineer with ArcGIS mapping and spatial analysis to implement the sequestration project in Wilton, CA and San Rafael, CA	
Data Analyst	Sacramento, CA
<i>California Department of Conservation</i>	March 2021 - December 2021
<ul style="list-style-type: none">Developed research focused on Climate science and renewable technology, evaluating data through CalEnviroScreen 3.0 and 4.0, used HTML, Python, design skills to create a website that provided educational environmental health information for low income communitiesProvided direct community assistance and led training sessions both in person and virtual for awareness on Environmental Education/Air Quality Recognition and Soil Pollution based in the Central Valley	

COMMUNITY IMPACT

Facilities Specialist	Berkeley, CA
<i>UC Berkeley Facilities Department (College of Engineering)</i>	January 2022 - Present
<ul style="list-style-type: none">Provided professional facilities support to 4-5 College of Engineering buildings (Cory Hall, Soda Hall, Etcheverry Hall) to ensure quality work environment that enhances employee productivityDeveloped procedures and operational systems for management of physical assets in Hall Buildings (technology and building maintenance) working with the Facilities Manager to support planning	
Admin + Tech Consultant	Berkeley, CA
<i>Associated Students of University of California/LEAD Center</i>	August 2021 - Present
<ul style="list-style-type: none">Curated and managed spreadsheets for over 1000 Registered Student Organizations on campus regarding Signatories, Financial Agents and overall standing as a whole reviewing RSO Constitutions and additional paperwork in accordance to ASUC/LEAD Center BylawsTrained on uploading Signatories manually by utilizing platforms as Excel/Google Sheets, understood and wrote in VBA (Visual Basic for Applications) to construct automated processes in Cross Checks, Signatory Imports, and Organization Registration	
Life Sciences Representative Intern(FA21) & Secretary Intern(SPR22)	Berkeley, CA
<i>Pilipinx Association of Scientists, Architects and Engineers</i>	August 2021- Present
<ul style="list-style-type: none">Assisted the Secretary to compile the logistics of the organization and organize them into spreadsheets, attended Core meetings and become a point of contact for administrative concerns, remaining in contact with LEAD CenterWorked alongside the Life Science Representative and other interns to plan the Gilead panel, and coordinate other activities becoming a liaison between College of Natural Resources, MCB/ES, and MBB majors	

PROJECTS

ABCD & Clarity-Node Sensoring	January 2022 - May 2022
<ul style="list-style-type: none">Undergraduate project through the ACES and Civil and Environmental Engineering department at UC Berkeley under the Brightline Defense organizationConducted data analysis and ArcGIS utilization to obtain information regarding the air quality of San Francisco communities, develop a plan to install sensors in new locations, and obtain agreements from landowners to allow the installation of these sensors	