

EDUCATION	UC Berkeley B.S. Electrical Engineering and Computer Science Clubs: Machine Learning @ Berkeley, Society of Women Engineers, Association of Women in EECS	Berkeley, CA <i>Expected May 2025</i> GPA: 3.80
EXPERIENCE	Sirota Lab Student Researcher	San Francisco, CA <i>July 2021 - Present</i>
	<ul style="list-style-type: none"> • Apply decision trees and K-Nearest neighbors models to predict preterm birth using microbiome data stratified by body site on a phylotype level • Compare relevant bacteria identified by the model, such as Blautia and Ureaplasma, to current microbiome literature to determine validity of connection with pre-term birth 	
	UCSD Mentorship Assistance Program Mentee	San Diego, California <i>September 2021 - May 2022</i>
	<ul style="list-style-type: none"> • Explored gradient descent, neural networks, and transfer learning under direct guidance of Prof. Arun Kumar through assigned readings and discussions • Classified images into 100 different sorghum cultivars by finetuning ConvNeXt and ViT models, placing within top 180 teams of a Kaggle competition 	
LEADERSHIP	San Diego County Engineering Council Digital Media Team Volunteer	San Diego, California <i>May 2021 - Feb 2022</i>
	<ul style="list-style-type: none"> • Planned digital strategy and organized social media calendar to maximize public awareness of local engineering events and educational opportunities • Regularly reached out to professional engineering society leaders to help promote events 	
	Westview Peer Counseling President Public Relations Director	San Diego, California <i>Dec 2020 - Dec 2021</i> <i>Feb 2019 - Dec 2020</i>
	<ul style="list-style-type: none"> • Facilitated Peer Counseling's first ever virtual retreat for over 55 Peer Counselors • Built a comprehensive website from ground-up with Wix to increase club visibility • Spearheaded annual Suicide Prevention, See Something Say Something, and Red Ribbon Week campaigns by organizing campus activities, creating graphics, and collaborating with other clubs 	
	Give Essential Digital Strategist	Virtual <i>Summer 2020</i>
	<ul style="list-style-type: none"> • Developed a marketing strategy to promote Give Essential on social media platforms and capitalize on national media appearances (Good Morning America, ABC World News Tonight) • Automated donation email process with a Python script and a Google Sheets API 	
PROJECTS	Improving Deep Neural Clinical Prediction Models with Textual Data Augmentation	
	<ul style="list-style-type: none"> • Using textual data augmentation to improve robustness of ClinicalBERT, a pre-trained bidirectional language model adapted to clinical notes, on 30-day readmission prediction • Augmented model improved baseline AUPRC score by 18.23% 	
AWARDS	<ul style="list-style-type: none"> • Cal Alumni Association Leadership Scholar • 1st Place in Computer Science Category at San Diego Science Fair 	<i>Jul 2022</i> <i>May 2021</i>
COURSEWORK	<ul style="list-style-type: none"> • CS 61B - Data Structures • CS70 - Discrete Math and Probability • CS 61A - Structure and Interpretation of Computer Programs • EECS 16A - Designing Information Devices and Systems I 	