

# VANESSA SALGADO



(909) 486-2823



vanessalgadoz@gmail.com



www.linkedin.com/in/vanessa-salgado/

---

## EDUCATION

**University of California, Santa Barbara (UCSB)**, Santa Barbara, CA

Expected June 2022

Bachelor of Science (B.S.), Computer Science

Relevant Courses: Problem Solving in C++ I and II, Object Oriented Design, Computer Organization and Logic Design, Data Structures and Algorithms, Computer Communication Networks, Advanced Application Programming, Data Science Capstone

---

## TECHNICAL SKILLS

<b>Languages</b>	Python (Advanced), C++ (Proficient), Java (Proficient), JavaScript(Proficient), HTML/CSS(Advanced)
<b>Technologies</b>	GitHub, Google Cloud Platform, Microsoft Office
<b>Spoken Language</b>	English(Native), Spanish(Native)

---

## RELEVANT EXPERIENCE

**Team Lead** - Sansum Diabetes Research Institute Data Science Research - Remote 01/2021-06/2021

- Performed exploratory data analysis on a dataset with over 100 Hispanic/Latino families around the Santa Barbara to analyze trends in biology, genetics, psychology, social behavior, and society / environment regarding diabetic intervention
- Learned data wrangling and scoring techniques through data visualization and training statistical model in Python
- Communicated weekly with project sponsors and university faculty to discuss research findings

**Team Member** - COVID-19 Data Analysis - Santa Barbara, CA 10/2020-12/2020

- Used data analysis and machine learning algorithms to assess the effects of socioeconomic vulnerability on COVID-19 infection rates
- Worked with a team to assess the validity of various machine learning algorithms
- Presented findings to a panel of professional judges at the end of the project period

**Front End Developer** - UCSB Rooms - Santa Barbara, CA 01/2019-03/2019

- Deployed a Heroku web application utilizing Python and Flask framework to find available classrooms on UCSB campus
- Designed the front-end web interface utilizing HTML, CSS, and Jinja templates to support mobile compatibility

---

## LEADERSHIP EXPERIENCE

**Mentor** - MESA Successful Transition Program - Santa Barbara, CA 08/2021-09/2021

- Served as a mentor, residential assistant, and tutor for incoming first-year and transfer undergraduates at UCSB
- Facilitated community-building activities and engaged participants regularly
- Prepared and led daily programming course discussions to review Python concepts and provided guidance on weekly assignments

**Python Tutor** - UCSB Society of Women Engineers Coding Program - Santa Barbara, CA 01/2021-03/2021

- Taught middle school students basic programming concepts through weekly virtual coding classes
- Mentored students through interactive Scratch and Python coding projects

**Bilingual Supervisor** - San Bernardino County Elections Office - San Bernardino, CA 03/2020

- Led a group of ten poll workers on Election Day to follow proper voting protocols
- Delegated roles and assigned team members to perform vital functions
- Troubleshooted account logins on tablets and electronic voting system

**Finance Vice President** - UCSB Residential Housing Association - Santa Barbara, CA 08/2017-05/2018

- Budgeted and funded social and educational programs for incoming first-year students and community organizations
- Facilitated weekly staff meetings by curating agendas, recording minutes, and distributing client expense reports
- Communicated weekly and quarterly financial reports to executive board and governing board