# Taylor Villahermosa

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## EXPERIENCE

**SAP**                                                                                                                    Palo Alto, CA
*Associate Data Scientist*                                                                            Jan 2020 - Present
- Improving a Python web service for building usage graphs from tracked user-behavior data by debugging, writing unit tests, and refactoring code
- Designed and developed a machine learning driven sales forecasting model to provide SAP Cloud for Customer users with a reliable prediction of sales revenue
- Enhanced item recommendations and evaluated catalog quality in SAP Ariba Guided Buying with Bayesian and NLP methods
- Created and presented data science workshops for a global audience of interns and new hires (topics include: Recommendation Systems, Jupyter Notebooks, Evaluation Metrics)
- Conducted behavioral and technical interviews for recent graduate and internship program candidates

**UCSB Baseball**                                                                                          Santa Barbara, CA
*Analytics Intern*                                                                                         Jan 2019 - Dec 2019
- Coding Research Team Lead: led and organized meetings focused on statistical analytics projects to support player development and game strategy
- Streamlined the process of creating advanced game statistics for player evaluation by automating calculations with R and SQL
- Produced data visualizations and statistical recaps of player performance for @SBBaseballData on Twitter

**UCSB Education Abroad Program**                                              Santa Barbara, CA
*Global Intern*                                                                                            Jan 2019 - Dec 2019
- Technical & Data Analytics Committee Leader: managed team of interns and supervised technical projects to improve the study abroad program
- Led and organized presentations for outbound and prospective study abroad students

## VOLUNTEERING

**Women in Data Science (WiDS)**                                                        Palo Alto, CA
*Ambassador*                                                                                              Oct 2020 - Present
- Organized annual WiDS Silicon Valley @ SAP conference
- Created event website, managed registrations, and communicated with over 350 participants

## SKILLS

**Programming:** Python, SQL, R**,** C++**,** SAS, HTML, JavaScript, CSS
**Libraries:** NumPy, pandas, Matplotlib, scikit-learn, TensorFlow, tidyverse, rstan
**Tools**: Excel**,** Git, LaTeX, SAP Leonardo Machine Learning Foundation
**Concepts:** Probability, Regression Analysis, Linear Algebra, Bayesian Statistics, Time Series

## EDUCATION

**University of California, Santa Barbara**                                     Santa Barbara, CA
B.S. Statistics and Data Science, with Honors                         Sep 2017 - Dec 2019