# Vanessa Hernandez

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## EDUCATION

**California State University, Stanislaus**                                                                                          **Turlock, CA**
Bachelor of Science in Computer Science                                                                                               2016-2020

## LANGUAGES AND TECHNOLOGIES

- **Languages:** Python, SQL, Javascript,  HTML, CSS, Java, JavaScript, GO, PL/SQL, R
- **Databases:** AWS(S3,Lambda), Oracle, MS-Access, Jupyter Notebook(pandas,numpy), HANA, Data Lake, ELT

## TECHNICAL EXPERIENCE

**E & J Gallo Winery**                                                                                                              **Modesto, CA**
*Web App Developer / Data Analyst*                                                                                     *November 2021– Present*
- App developer on the team, meet with customers on a bi-weekly basis for updates and new requests
- Train interns how to use PL/SQL, Javascript and upload data into Oracle database
- Debug 6+ applications at a time during harvest, fix issues in Oracle database using SQLand ELT process
- Upload files into AWS S3 bucket in order to organize data in a secure cloud base storage, create a python script to automate organization
- Digitized handwritten paper sheets using AWS textract, saving the team and myself hours of tedious work
- Developed 4 applications in Oracle APEX in order to facilitate data collection and storing
- Created QGIS Shape file to pin point vineyards, helping with dashboards
- Created a budget report on how much is spent on lab supplies and instruments using Tableau

*Programmer Analyst Associate*                                                                                        *April 2021– November 2021*
- Created tableau dashboards in order to allow coworkers to visualize and analyze grape and wine data with ease. Used tableau prep to clean and pivot wine chemistry data.
- Use simple APIs to create accessible barcodes for the team
- Use tableau to pull data from LIMS(chemistry database) in order to save the team time by having the data pivoted and filtered in a clean manner

*IT Analyst*                                                                                                             *November 2019– April 2021*
- Developed and coded in Python to enable lab researchers to filter large datasets on vineyards and seasons, which led to 1000's of barcode labels being created to facilitate grape sorting in Jupyter Notebook
- Took lead in uploading teams data into Microsoft SharePoint Online Database
- Troubleshooted printer and docking station connection issues

**California State University, Stanislaus**                                                                                          **Turlock, CA**
*Research Assistant - Data Mining Group*                                                                               *December 2018 – May 2020*
- Built visualization systems with Python to identify repeatable patterns and correlations found in over 2,700 samples of red wine from a local winery, leading to definitive conclusions on wine body and properties.

## CERTIFICATIONS

**RPA Developer -** demonstrated my automation skills using UI Path and a both-a-ton group challenge