AMELIA MEYER

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EDUCATION

University of California, Santa Barbara   2018 - June 2022
Bachelors of Science: Statistics and Data Science

Relevant Coursework: SAS Base Programming, Intermediate Python, Machine Learning, Time Series Forecasting

SKILLS

Languages	English (Native), German (Proficient)
Programming Languages	R, Python, SQL, SAS, Git, Markdown, Bash, HTML, CSS, PySpark, Java
Software Framework	twarc, Github, Sklearn, Raster, TensorFlow, Tableau, Excel, Power BI

EXPERIENCE

Database and Software Support Specialist   OCTOBER 2022 - PRESENT
Magic Touch Software   *San Marcos, CA*

- Entering and handling customer data in Excel. Producing data reports with MySQL queries and Crystal Reports.
- Offering Customer Relation Management (CRM) support to Dental Labs.
- Analyzing and reproducing system issues.

Data Science Assistant   JUNE 2020 - JUNE 2022
UCSB Interdisciplinary Collaboratory   *Goleta, CA*

- Creating, instructing, and assisting in data carpentry workshops on topics including Geospatial Raster, Bash, and SQL.
- Developing Microsoft Azure Speech-to-Text services using Python to translate and transcribe interviews in Chinese and English.
- Collaborating with twarc developers to improve twarc functionality and create a comprehensive guide on Twitter analysis using Python and Github Pages.
- Entering and analyzing library data

Desktop Support   AUGUST 2019 - JUNE 2022
UCSB Library Information Technology   *Goleta, CA*

- Imaging, decommissioning, repairing and deploying computers for staff and the public.
- Monitoring public systems and providing troubleshooting assistance to library patrons.
- Creating and testing keystroke logger software to ensure patrons aren't visiting inappropriate sites or illegally downloading content.

PROJECTS

You can check out my some of my projects here: https://ameliameyer.github.io/home

Spotify API Exploration Used Spotipy - the python library for Spotify's API - to retrieve data. Performed EDA and created visualizations using altair, matplotlib, and seaborn.

twarc Wrote a comprehensive guide for twarc - a commandline tool for the Twitter API, to gather tweets pertaining to the George Floyd incident. Transformed data using TF-IDF vectorizer. Performed sentiment analysis. Held a workshop to teach community and university members how to use twarc themselves.