

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

Python, SQL, SAS, Git, Markdown, Bash, HTML, CSS, PySpark, R

Software Framework

Excel, twarc, Github, Sklearn, TensorFlow, Tableau, Power BI, Windows

EXPERIENCE

Database Developer and Software Support Specialist

OCTOBER 2022 - PRESENT

Magic Touch Software

San Marcos, CA

- Extracting, cleaning, and updating customer data with SQL and Excel. Producing comprehensive data reports with SQL and SAP Crystal Reports.
- Leading team projects to improve the User Interface for Customer efficiency.
- Creating and presenting analysis Reports to Database Team and Clients.
- Offering Customer Relation Management (CRM) support to Dental Labs.

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 patron data to improve available software.

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.

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 for data analysis.