

CAMERON MARTINDALE

Software Engineer

Customer-focused software professional with superior communication skills and expertise in various technical platforms. Understands and meets both client and employer needs and develops highly functional, robust and easy-to-use applications. Excels as hands-on developer and oversees work of software teams.

Work History

2021-08 -
Current

Software Engineer/Data Scientist

Gemological Science International, New York City, NY

- Used libraries such as Pandas, Matplotlib, and Numpy to develop polished visualizations to demonstrate results of data analyses to company executives.
- Performed various data cleaning techniques on big data sets of over 100 thousand rows.
- Implemented data mining techniques to transform data for use in hierarchical clustering machine learning models to make predictions that targeted products toward specific customers; essentially reducing company cost.
- Tested Machine Learning predictions by utilizing Scikit Learn library and applying confusion matrix to models.
- Used Python and its libraries to revise, modularized, and update old code bases to modern development standards, improving functionality.
- Researched, designed, and implemented scalable applications for data extraction, analysis, retrieval, and indexing.

2017-06 -
2021-08

IT Engineer

Freelancer, NYC, NY

- Produced dynamic, informative, websites scaled for use on various view ports using bootstrap.
- Refactored old code to be more readable and

Contact

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WWW

<https://github.com/cam93>

Skills

Python



Machine Learning



Data Visualization



Research



Data Cleaning



Presentations



Data Manipulation



manageable.

- Implemented mailchimp email marketing by using its API keys to increase small business customer growth by 20% while also maintaining relationships with current customers.
- Established MongoDB database to store large sets of data on blog website.

Certifications

2022-03 DataQuest.io(Data Science in Python)

Projects

- Welcome Screen on web application - Used OpenWeatherMap API to fetch local user weather information on a blog app. made with html, css, javascript, and node.js.
- Discord Chat Bot - created a chat bot where users can interact with fictional characters in a discord server. Created by tidying nearly 400 txt files with pandas and numpy. Then trained the model with Generative Pre-trained Transformer 3, a part of natural language processing systems, to train the AI to reproduce nearly human like text responses.

Good

Leadership

●●●●●
Very Good

Software

Windows 10 & Mac OS

●●●●●
Excellent

Jupyter Notebook & Google Colaboratory

●●●●●
Very Good

Git/Github

●●●●●
Very Good

Microsoft Azure

●●●●●
Very Good

Google Cloud Services

●●●●●
Good

SQL/NoSQL

●●●●●
Good

Pandas/Numpy/Matplotlib

●●●●●
Very Good