

Manuel J Molina

DATA SCIENTIST

SUMMARY

Curious data scientist with a background in behavioral psychology. Utilizes a unique perspective to interpret data and produce creative solutions via machine learning algorithms. Looking to optimize impact using statistics and data-driven analytics.

EXPERIENCE

Data Science Fellow | November 2021 - March 2022

General Assembly, Remote

- Completed 5 projects and 20 assignments in a challenging 480-hour immersive course using python and various software & programming packages. Learned mathematical theory to utilize data analytics to create predictive machine learning algorithms for regression & classification problems.
- Programmed a convolutional neural network on MRI scans to classify between schizophrenic and non-schizophrenic brains with 92% accuracy.
- Built clustering models and a web application to analyze the relationship between climate change and air pollution related mortality rates.
- Used a natural language processing algorithm to create several machine learning models to predict the classification of thousands of scraped Reddit posts.

Registered Behavior Technician 2 | September 2019 - March 2022


Autism Learning Partners, San Francisco, CA

- Applied evidence-based behavior intervention techniques for 8 children diagnosed with Autism. Consistently improved life-skills and decreased the need for clinical hours for each child.


Team Leader | August 2014 - March 2016

AIIESEC AdMU, Quezon City, Philippines


- Leveraged 50 financially literate international undergrad and graduate students as consultants for 25 local micro-entrepreneurs. Generated viable products for 50% of all micro-entrepreneurs. Created partnerships with 4 local micro-lending institutions and 2 non-government organizations that increased student participation by 30% each year.

 Sausalito, CA

 jan.m.molina@gmail.com

 650.823.7629

 [janmanjan.github.io](https://github.com/janmanjan)

 [linkedin.com/in/manuel-j-molina](https://www.linkedin.com/in/manuel-j-molina)

SKILLS

Data Science

Data Wrangling | Web Scraping | Data Visualization
Machine Learning | Time Series Analysis | NLP | Deep Learning

Programming

Python | HTML/CSS | SQL
PySpark | Git | AWS | BigQuery

Visualization

Tableau | Seaborn | Matplotlib

Additional

Client Relations | Cross-Cultural Communication

EDUCATION

Loyola Marymount University |

BA Psychology | Minor in Economics

Los Angeles, CA