

# Manuel J. Molina

Data Scientist



## ADDRESS

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USA



## PHONE

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## LINKEDIN

<https://www.linkedin.com/in/manuel-j-molina/>



## GITHUB

<https://janmanjan.github.io/>

## EDUCATION

BA/Psychology, Minor  
in Economics

Loyola Marymount  
University, Los  
Angeles, CA

2012-2014, 2016-2018

## 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 analytics.

## SKILLS

**Data Science:** Machine Learning, Deep Learning, Natural Language Processing, Web Scraping, Time Series Analysis, Statistical Analysis, Image Processing, Pandas, NumPy, Tensorflow, Keras, Scikit Learn, Linear Algebra, Applied Mathematics

**Programming:** Python, HTML, SQL, PySpark, Git

**Data Visualization:** Matplotlib, Seaborn, Tableau

**Additional Skills:** Client Relations, Cross Cultural Communication

## EXPERIENCE

**Data Science Fellow** • General Assembly • Remote  
[November 2021 - March 2022]

- Completed 420 hours, 5 projects, and 20 assignments in a challenging immersive course using python and various software & programming packages. Learned mathematical theory to utilize data analytics and machine learning algorithms for regression & classification problems.

- Programmed a convolutional neural network on MRI scans to classify between schizophrenic and non-schizophrenic brains.

- 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 that classified thousands of scraped Reddit posts.

**Registered Behavior Tech 2** • Autism Learning Partners • San Francisco, CA  
[September 2019 - January 2022]

- Applied evidence-based behavior intervention techniques utilizing an online data tracking system with 7 children diagnosed with Autism, from 4-13 years old, under the supervision of a Board Certified Behavior Analyst.

- Improved life-skills via interventions that are designed to increase desired behavior in social contexts and manage maladaptive behaviors.

**Team Leader** • AIESEC AdMU • Quezon City, Philippines  
[August 2014 - March 2016]

- Developed, managed, and pitched a microfinance project in a team of 4. Leveraged 50 financially literate international undergraduate and graduate students as consultants to coach 25 local micro-entrepreneurs. Partnered with 4 local micro-lending institutions and 2 non-government organizations.