# VEDANTSINH MAHIDA

Jersey City, New Jersey 07306

📞 267-902-6411  ✉ vedantsinh@gmail.com  in linkedin.com/in/vedantmahida  ⭘ github.com/mahidavedant

## Education

**New York Institute of Technology**  Sep. 2022 – Current
*Master of Science in Data Science*  *Manhattan, NY*

## Experience

**RadicalX**  September 2023 – Current
*AI Engineer Intern*  *New York, NY*

- As an Artificial Intelligence Engineer at RadicalX, I am leveraging technologies such as OpenAI and TensorFlow to develop an AI Dev Manager, create algorithms for personalized and adaptive learning, and devise robust anti-cheat and fraud detection systems.

## Projects

**DCGANs Fashion Generation** | *Python, TensorFlow, Google Collab*  August 2023

- This project trains and visualizes the outputs of a simple Deep Convolutional GAN (DCGAN) to generate realistic-looking (but fake) images of clothing.

**Dog Vision** | *Python, TensorFlow*  February 2023

- Built and trained a multi-class classifier of over 120 dog breeds using TensorFlow and TensorFlow Hub as part of the Kaggle Dog breed identification competition. Leveraged transfer learning with MobileNet V2 pre-trained model to achieve high accuracy and efficiency.
- Generated insightful predictions.

**Blue Book for Bulldozers** | *Python, Scikit-learn, Pandas*  February 2023

- Created a regression model that predicts the auction sale price for a piece of heavy equipment based on its features and usage history as part of the Kaggle blue book for bulldozers competition.
- Applied data cleaning, feature engineering, and random forest algorithm to optimize the model performance.
- Explored feature importance in dataset.

**Bank Turnover Analysis** | *Python, Scikit-learn, Pandas*  February 2023

- Developed an Artificial Neural Network that analyzes bank customers turnover and identifies the factors that influence customer retention.
- Used data preprocessing techniques like feature scaling and encoding to increase efficiency for neural networks. Performed data visualization techniques to get better insights about bank customers data and presented the findings in a dashboard.

## Technical Skills

**Core**: Machine Learning, Deep Learning, Data Analytics, Data Processing, Statistics **Languages**: Python, Java, C, HTML/CSS, JavaScript, SQL
**Developer Tools**: VS Code, Jupyter, Google Collab, SQL Workbench, Tableau
**Technologies/Frameworks**: Linux, GitHub

## Non-Technical Skills

**Problem-solving, Business acumen, Critical thinking, Passion for data, Attention to detail, Statistical thinking, Teamwork**