

**Felix Ramirez**

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**Summary:**

**Highly skilled and motivated Machine Learning Engineer with a strong background in computer science and data analysis. Experienced in developing and deploying machine learning algorithms for various applications. Proven ability to work well in cross-functional teams and deliver exceptional results. Passionate about leveraging data to drive business insights and solve complex problems.**

**Education:**

**Bachelor of Science in Computer Science**

**XYZ University, City, State**

**Graduated: Month, Year**

**Skills:**

**- Machine Learning: Deep Learning, Neural Networks, Decision Trees, Random Forests, Support Vector Machines, Convolutional Neural Networks**

- **Programming:** Python, R, C++, Java
- **Data Analysis:** Data Preprocessing, Feature Engineering, Data Visualization, Statistical Analysis
- **Tools:** TensorFlow, Keras, PyTorch, scikit-learn, pandas, NumPy, Matplotlib, Git
- **Databases:** SQL, MongoDB
- **Software Development:** Agile Methodologies, Version Control, Software Testing

### **Professional Experience:**

#### **Machine Learning Engineer**

**ABC Company, City, State**

**Month Year - Present**

- **Developed and implemented machine learning solutions to improve and optimize various business processes.**
- **Collaborated with cross-functional teams to identify and gather data requirements for machine learning projects.**
- **Conducted exploratory data analysis, data preprocessing, and feature engineering to prepare data for modeling.**
- **Utilized deep learning techniques such as convolutional neural networks (CNN) for image recognition tasks.**
- **Optimized machine learning models through hyperparameter tuning and regularization methods.**

- Deployed and monitored machine learning models in production environments.
- Conducted regular model performance evaluations and made iterative improvements as needed.

## **Data Analyst Intern**

**DEF Company, City, State**

**Month Year - Month Year**

- Assisted in data collection, cleaning, and organizing for various projects.
- Performed statistical analysis and data visualization to uncover insights and trends.
- Developed dashboards and reports to present findings to stakeholders.
- Collaborated with senior data analysts to develop predictive models for customer behavior analysis.
- Participated in team meetings and contributed to project discussions.

## **Projects:**

### **1. Image Classification using Convolutional Neural Networks**

- Built a CNN model using TensorFlow and Keras to classify images from a dataset of cats and dogs.
- Achieved an accuracy of 90% on the test set by fine-tuning the model through multiple iterations.

## **2. Credit Card Fraud Detection**

- Developed a fraud detection model using a combination of supervised and unsupervised learning techniques.
- Utilized outlier detection algorithms and logistic regression to classify fraudulent transactions.
- Achieved a precision of 98% and recall of 95% on the test set.

## **3. Stock Price Prediction**

- Developed a time series prediction model using recurrent neural networks (RNN) and LSTM in TensorFlow.
- Incorporated technical indicators as additional features to improve accuracy.
- Achieved a Mean Absolute Error (MAE) of 0.05 on the test set.

## **Certifications:**

- Machine Learning Certification, Coursera
- Deep Learning Specialization, Coursera

## **References:**

**Available upon request.**