RAMON MARTIN

DATA SCIENTIST

✉ martin.ramon.f@gmail.com
📞 7065360598

Dedicated and goal driven former military specialist. Self-motivated experienced leader. Trusted with increased responsibility and promoted to leadership position before peers.

Skills

MACHINE LEARNING & STATS
Time Series Analysis
Regression Models
Classification Algorithms (KNN, Random Forest, Classification Trees)
Neural Nets (CNN, LSTM, RNN)
NLP
Data Visualization

ENGINEERING & DESIGN
CAD/CAM
PLC & MicroController Programming
Electric Circuit Design
Finite Element Analysis
Computational Flow Dynamics

TOOLS & TECHNOLOGY
Python
C++
MATLAB
Git
SQL/noSQL
AWS/GCP
SolidWorks
Fusion 360
CATIA
NI Multisim
Tableau
Bokeh
Pandas
Spacy/NLTK
SIMATIC S7
RS Logix
LabView
PLC (FBD, Ladder, ST)

MILITARY COURSES
CIED
HME
SFQC (18C)
SERE (C)
M2A3 Mech Leader
BNCOC
SOMRAD
CQB/SFAUC
SUT
COIN NGO

LANGUAGES
Russian (Native Proficiency)
Korean (DLPT 1)

Employment

AMTIL Inc
Technical Cofounder

New York, NY
2019 to 2020

Founded an eLearning startup focused on improving aircraft maintenance tech training.
Led design and development of interactive learning software for aviation maintenance.
Managed each phase of SDLC including solution design and MVP development.

ML Motorsports
Manufacturing Engineer

New York, NY
2018 to 2019

Designed and drafted performance auto parts.
Performed project management duties during initial planning and design phases
Synchronized and optimized workflow processes, accelerated & improved product production.

MezoCliq LLC
Data Center Technician

New York, NY
2016 to 2018

Handled ordering, receiving and installing of over 400 commercial servers
Developed operations schedule and work scope in order to achieve necessary goals
Managed workload across multiple locations simultaneously.

US Army
Squad Leader / SF Engineer

Fort Bragg, NC
2006 to 2016

Served as Squad Leader and acting Platoon Sergeant during OIF / OND deployment.
Managed over $1,400,000 of equipment with 100% accountability and zero property loss.
Conducted dozens of intermediate and high level foreign key leader engagements.

Education

Metis Coding Academy
Data Science Bootcamp

Vaughn College of Aeronautics & Technology
BS Automation Engineering

Projects

Global IED Attack Trends
Historic patterns of terrorist IED attacks world wide
Data Viz - Bokeh, Flourish, MatPlotlib
Classification Model - Random Forest

Face Mask and Temperature Touchless Station
Tensor Flow Light Haar Model for low resource microcontroller
DLIB and OpenCV face recognition
Flash + Dash Local Host
Raspberry Pi Platform

Cantilever Beam Finite Element Analysis
Analysis of axial and torsional stresses and strains on a beam, calculates displacement and deformation.
MATLAB Script

NLP - Sentiment Analysis & Predictive Text
Tweet sentiment analysis and sentence generation based on first word

Awards

Department of Defence · Secret Security Clearance

Department of Defense · ARCOM (x2 Oak Leaf)

Department of Defense · AAM (x3)

Iraq Campaign Medal (/w star)