

JEFF OBHAS

DATA SCIENTIST

Experience

Metis New York, NY
Data Scientist Mar. 2020 to June 2020

Metis is an accredited 12-week immersive data science training bootcamp. Built end-to-end projects using python and incorporated data acquisition, data management, data cleaning, machine learning, data visualization, and presentation. See "Projects" section.

EY New York, NY
Manager Jan. 2013 to Mar. 2019

Managed projects to analyze, quantify and qualify activities eligible for the Research Tax Credit.

- Led engagements as direct point of contact for stakeholders, providing operational oversight and leading cross functional advisory, technology and statistics teams.
- Led teams through stakeholder interviews, analyzing eligible research and development (R&D) activities and making direct determinations on tax credit calculations.

US Army Schofield Barracks, HI
Captain Jan. 2005 to Apr. 2010

- Directed 15-person base defense operations center as battle captain providing force protection and base security to 15,000+ Soldiers.
- Synchronized intelligence reports, surveillance assets, aircraft reconnaissance, and maneuver forces to execute operations across 640 square kilometer area in Tikrit, Iraq; significantly decreased enemy attacks.

Projects

Autonomous Driving Image Classification

Tools: Convolutional Neural Network, Keras, Tensorflow

- Trained and tested deep learning models to classify objects with high accuracy

Analyzing Business Reviews

Tools: Natural Language Processing (NLP),TF-IDF, Latent Dirichlet Allocation (LDA), NLTK, TextBlob

- Employed NLTK to conduct NLP techniques on restaurant reviews
- Utilized sentiment analysis to compare and analyze negative review content

Credit Card Default Prediction

Tools: Decision Random Forest, SVC, KNN, Naïve Bayes, XGBoost

- Utilized classification models to predict which credit card customers were at greatest risk for default
- Learned that history of payment is the strongest predictor and XGBoost provides highest precision

Movie Revenue Prediction

Tools: BeautifulSoup, Scikit-Learn, Numpy, Statsmodels, Linear Regression

- Built and cross validated linear regression models to predict the amount of revenue for film budget expenditure
- Learned that the amount invested partially predicts revenue and is strengthened by multiple factors

Awards

Project Management Professional

Bronze Star

Army Commendation Medal

Project Management Professional

Contact

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in /in/jeff-obhas-6059b472/

Skills

PROGRAMMING LANGUAGES

Python

SQL

Git/Github

PYTHON LIBRARIES

NumPy

Pandas

SciKitLearn

BeautifulSoup

Statsmodels

MACHINE LEARNING TECHNIQUES

Linear Regression

Logistic Regression

KNearest Neighbors (KNN)

Decision Trees

Random Forest

Naive Bayes

Support Vector Machines (SVM)

KMeans Clustering

Natural Language Processing

Principal Components Analysis

NMF

TF-IDF

Convolutional Neural Networks

PROJECT MANAGEMENT PROFESSIONAL

Education

Baruch College

Master's Business Administration
2012

Binghamton University

Bachelor's Psychology 2003

Volunteering

NY Cares Tax Preparation Program