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| **Dimitri Efthimiou** | |  |  | | --- | --- | | 3321 Port Royale Drive South, Apt 505 Fort Lauderdale, FL 33308 |  | | (617) 949-1117 |  | | Dimitrie13@outlook.com |  | |  |  | | https://github.com/dimtirie13 | A close up of a logo  Description automatically generated | |

**Projects and Skills**

|  |  |
| --- | --- |
| * [**MLB dashboard**](http://mltheroyapp.wtvmubwxpf.us-east-1.elasticbeanstalk.com/dash/)**: Built using plotly/Dash. Quick sample of showcasing interactive charts and data tables while retrieving data from an MLB scrapper and a pre-loaded csv file.** * [**Dog Breed Classifier**](https://github.com/dimtirie13/cnn_dog_project) **(CNN): Predict the dog Breed from an input image using Transfer Learning (VGG16) while the jupyter notebook is hosted on an AWS p2.xlarge instance. Additionally, the model can predict if there is a dog or a human in the image utilizing ResNet-50 with weights set to imagenet.** * [**Finding Donors**](https://github.com/dimtirie13/machine_learning/tree/master/finding_donors)**: applied supervised learning models (Random Forrest, Logistic Regression, Bagging Classifier) in order to predict if the individual’s income is >50K.GridSearch was used in order to optimize the Random Forrest Model which resulted in an 85% accuracy.** * [**Customer Segments**](https://github.com/dimtirie13/machine_learning/tree/master/customer_segments)**: applied unsupervised learning to describe the variation in the different types of customers of a distributor in order to optimize their delivery service. I used PCA in order to see which dimensions best maximize the variance of the features followed by the Gaussian Mixture Model in order to find the number of clusters (costumer groups) in the data. To determine which number of clusters best fits this case I used Silhouette score metric.** |  |

**Experience**

07/2019 – Present

**Data Analyst / Party Expert Group**

* Built a Descriptive analytics dashboard using plotly/Dash utilized by all company departments (warehouse, marketing, buying, merchandising)
* Managed IoT Project for heatmapping, door counting, and pattern recognition/customer segmentation for all retail locations
* Produced reports using SQL Server for the warehouse team in order to reduce work hours spent during Purchase Order allocation for back orders.
* Collaborated with the buying team to develop a plan in order to manage sell through rates and gain inventory control over 100K SKUs
* Began plans for RFID inventory system implementation

01/2019 – 07/2019

**Data Analytics Teaching Assistant / Trilogy Education Services (University of Miami)**

Assisting Students during lecture exercises, homework assignments and office hours in the following subjects:

* Fundamental Statistics: Modeling, Forecasting
* Full Stack Development: Python, HTML, CSS, Bootstrap, JavaScript, D3.js, Leaflet.js
* Business Intelligence Software: Tableau
* Python and API Interactions
* Databases: MySQL, MongoDB, ETL
* Machine Learning Keras

09/2017 – 08/2018 *\*the company’s higher management chose to NOT pursue the US market*

**Account Manager / Spectec Gmbh**

* Provide Market Analysis to establish a new customer base for the latest products.
* Develop new client relationships in the industry.
* Offer Technical support to all US based clients.
* Provide live Demos as well as initial Database build up for new and potential clients.

06/2017 – 08/2017

**Information Security Intern / State Street Bank & Trust**

* Overlooked Risk Management profiles for Internal applications including database management.
* Presented findings and data to senior management in order to improve strategies and operations.
* Proposed system solutions to ensure compliance guidelines are met.
* Generated Policies & Procedures manuals upon request.

**Education**



**Wharton Online – Data Analytics and Insights Certificate**

**Stanford Online – Machine Learning Certificate**

**Athletics**

* NCAA Division I Head Rugby Coach
* Team USA 7s Rugby Player
* Northeast Olympic Development Academy Coach and Player
* Mystic River Rugby Club Coach and Player (two National Championships)