



Induraj Ramamurthy

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EDUCATION

Master in DataScience, Big Data,
EISTI, France, 2018-2020.

Master in Embedded systems,
Bharath Univ, India, 2010-2012.

SKILLS

Python - Tensorflow - Pytorch

Machine Learning - Statistics

AB Testing - Pytest

Web Scrapping: Selenium

MongoDB - SQL

OpenCV - NLP

AWS

Rest Framework

Django - FastAPI

Visualization:

Tableau

Big Data Tools:

Spark - Pyspark

Kafka - Docker

Elastic Search - Kibana

Version Control:

Git - Jira - BitBucket

LANGUAGES

English - Fluent

French - Intermediate

Amharic (Ethiopia) - Fluent

HOBBIES

Crypto trading, Blogging,

Fitness, Cooking & Gardening,

WORK EXPERIENCE

Data Scientist (computer vision), Joovence – Paris | Mar-Sept 2021

- Predicted potential patients for treatment using computer vision algorithms.
- Implemented object detection algorithm to increase automation speed by 6 times.
- Researched & proposed algorithms to boost revenue by cutting down cost by 20k Euros.
- Worked on face pattern matching, angle detection, multi label classification.

Algorithm: GAN, Yolo, Vision Transformer, Auto Encoder, Progressive resizing/learning.

Tools: Keras, Pytorch, Aws Sage maker, S3, OpenCV, Python, FastAi.

Data Scientist, Sensego – Paris | May-Nov 2020

- Build predictive models for AI application (Adster) to manage advertisements.
- Segmented customers using clustering methods to target audiences precisely.
- Created first touch attribution model, API endpoints and performed AB testing.
- Created detailed metrics using Facebook business manager SDK for each clients.

Algorithm: Xgboost, Ensemble techniques, PCA, Unsupervised algorithms.

Tools: Python, Sklearn, Pytest, FastAPI, Aws, Mongoddb, Facebook business SDK.

Instructor, Arbaminch University- Ethiopia | Oct 2012-Aug 2020

- Research analyst and developer for pastoralist project under Ethiopian Govt.
- Trained and taught programming (c, c++, matlab, embedded c).
- Mentored around 500 students and supervised six thesis projects.
- Vice-president of research & publication department.

LIBRARIES

Pypi: DeepEnsemble



Wrapper for deep learning, to perform stacked ensemble, weighted and voted ensemble.

Pypi: Data-cleaning



A package to clean the dataset and return the cleaned data frame.

PROJECTS & PUBLICATIONS

Recommendation system: Real time tracking of digital journey

Tools & Algorithm: Structured streaming, Aws, Mongoddb, JavaScript, Python, Machine learning

Face angle detection for detecting improper picture uploads

Tools & Algorithm: Keras, Opencv, Siamese network, Auto encoders

Journal Publication:

NLP- Fraud detection in internal audit



Scheduling optimization

