

Dhaval Thakkar

Data Scientist

+919172959533 | thakkar.dhaval.haresh@gmail.com | linkedIn/dhaval-thakkar-dt | github/DhavalThkkar

WORK EXPERIENCE

UNIFYND TECHNOLOGIES PVT. LTD. | DATA SCIENTIST

Mumbai, MH, India | June 2018 – Present

- Led the development of a **Templatized OCR Engine with GUI** to onboard **2000+ retailers** from different malls. The microservice deployed is currently operating at an **accuracy of 81%**
- Built a **Customer Segmentation model** to target customers with relevant coupons, rewards, and content resulting in a **3x increase** in revenue and **2x increase** in coupon utilization
- Built a **Dynamic Coupon Pricing Engine** for malls that led to a **5x increase** in coupon consumption on the coupon marketplace
- Built a **Pricing Engine and Customer Segmentation Model** for a logistics company which saw a **32% reduction** in Customer Attrition and a **12% increase** in Repeat Purchase Rate
- Developed an **Automated End to End Reporting system** to track KPIs performance for 10 malls that saves **60 hours** of manual labour each month

UNIFYND TECHNOLOGIES PVT. LTD. | INTERN DATA SCIENTIST

Mumbai, MH, India | Sept 2017 - June 2018

- Built a Smart Cryptocurrency trading platform which used social data and historical prices to optimize current portfolio. Boosted overall profit from the portfolio by **30%**
- Worked with Product and Marketing teams to identify the power users of an app which resulted in **43% increase** in activity and a **65% increase** in revenue from these users

ZIFF, INC | DEEP LEARNING INTERN

Provo, UT, USA | May 2017 – Aug 2017

- Demonstrated competency in Hyperparameter Optimization, Image Augmentation and Learning Rate decay strategies using the Keras Library
- Deployed a Multi-Class Image classifier microservice written on Flask as a container on AWS EC2 using Docker

EDUCATION

Bachelor of Engineering, Computer Engineering

Mumbai, MH, India | June 2014 - May 2018

K J SOMAIYA INSTITUTE OF ENGINEERING AND IT
CGPA 7.51/10

Coursework: Machine Learning, Data Analytics, Big Data Analytics, Data Structures and Algorithms, Operating Systems, Computer Security, Software Testing, Advanced Networking, Big Data Analytics

PROJECTS

AUTOMATED DETECTION OF FUNGAL ELEMENTS OF TINEA USING DEEP LEARNING [↗](#)

Patent Application ID - 201821028623

Search the patent number under Application Status

Devised a system that can assist doctors diagnosing skin infection caused by Tinea (fungal infection) reduced diagnosing time effectively from 15-20 minutes to 3-5 seconds. Created a web application based on HTML, CSS and Flask for interfacing the system.

DEEP LEARNING DOCKER IMAGE [↗](#)

DOCKER, PYTHON, ANACONDA, MACHINE LEARNING

Created a Deep Learning/Machine Learning docker image to easily setup all the tools required for Data science in one single container. Support for GPU/CPU images for inferencing

SKILLS

Languages: Python, R

Libraries and Packages: Pandas, NumPy, HuggingFace, Sklearn, Scrapy, Flask, Plotly, Streamlit

Databases: SQL, MySQL, MongoDB

Technology: Git, AWS, GCP, Docker

Machine Learning: Linear and Logistic Regression, SVM, K-means, KNN, Random Forests, Decision Trees

Deep Learning: Artificial Neural Networks, CNNs, RNNs, Transformers