Tanuj Joshi

Developer (T2)

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Bangalore, India

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Goal oriented, hard worker and fast learner.

WORK EXPERIENCE

Graduate Trainee Officer (IT)
GNFC Ltd. (nCode Solutions)

07/2014 – 06/2015 — *Ahmedabad, India*

Tasks

- (On-Site) Technical auditor for Ahmedabad's Bus commute system BRTS. (Under Quality and Audit Department).
- Sys Admin (Under Network and System Department).

Data Science Intern
Flipkart

08/2017 – 09/2017 — *Bangalore, India*

Tasks

- Extraction (using Hive queries), Cleaning, Analysis of the dataset. Also devised a preliminary clustering algorithm to predict wheater a garment would be returned for size/fit issue before the purchase is made.

Developer
SAP Labs India

07/2018 – Present — *Bangalore, India*

Tasks

- (Mobile Services - iOS SDK Team) -- Creating features and maintaining the SAPML component for iOS SDK product of SAP Cloud Platform Mobile Services. SAPML provides APIs for iOS developers to easily manage lifecycle events of ML models uploaded on Mobile Services. Used technologies such as Swift, iOS, REST.
- (RabbitMQ As a Service - CP Core) -- Developing features and maintaining the RabbitMQ as a service to ensure High Availability of the service. Used technologies such as RabbitMQ, Linux, BOSH, Cloud Foundry, Docker.

EDUCATION

B.E. - Computer Engineering
Gujarat Technological University

08/2010 – 06/2014 — *8.02*

M.Tech - Computer Science and Engineering
IIT Kharagpur

07/2016 – 06/2018 — *9.18*

Courses

- Machine Learning
- Natural Language Processing
- Information Retrieval
- Mobile Computing

SKILLS

Python | pandas | matplotlib | Machine Learning | Data Science | NLP | scikit-learn | tensoflow | Swift (iOS) | RabbitMQ | BOSH | Cloud Foundry | C / C++

PUBLICATION

[ASONAM - 2018] One size does not fit all: Predicting product returns in e-commerce platforms

A Machine Learning (ML) based approach to predicting if a product will be returned by the customer for size/fit issue.

PROJECTS

[Thesis] Predicting Product Returns for Lifestyle Products in Online Marketplaces

To build a Machine Learning (ML) based product return predictive system for Lifestyle Products and study its effects on Online Marketplaces such as Flipkart.

Similar Hashtag Classification and Clustering

[Natural Language Processing] Classify and cluster hashtags based on textual similarity and patterns of hashtags only(no other data tweet data was available). Gold Standard dataset was created manually to achieve this.

ShopCrate: Indoor Navigation For Malls

[Mobile Computing] We built a smartphone application prototype which could be used to navigate user in large indoor space such as a shopping mall. Dataset was created by War-Driving the CSE Department.

Link Prediction in Signed Networks

[Information Retrieval] For Slashdot and Epinions Datasets, we devised an algorithm to predict a link's direction and the sign of the predicted link.

INTERESTS

Photography