Lakshmi Namratha Vempaty

IT professional with around 3+ years of experience in Data Analytics, Product Analytics and Machine Learning

Actively seeking for internship/co-op opportunities starting from May 22

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EXPERIENCE

Engineer II

Reliance JIO Platforms Limited   *Oct 2020 – Aug 2021*

- Worked as a lead for project called "Product Recommendation System and Coupon Distribution" using which revenues increased by 19% in a quarter.
- Worked on complete Data Life cycle from Data Pre-processing to Data Modelling and Validation
- Planning and execution of ML based algorithms like CNN, Knn, XGBoost, Kmeans, SVM, Regression, Random Forest, HMM using libraries like tensorflow, sklearn, scipy, hmmlearn, opencv,pytorch to improve the stability of the product in production by 35.6%

Data Scientist

IBM Software Labs   *July 2018 – Oct 2020*

- Monitored,Designed,developed,Integrated a data-driven monitoring tool which helped in decreasing the customer issues by around ∼30% leading to a better customer experience for the product.
- Coding and developing software models to identify and correct the coding errors, upgrade interfaces and improve overall performance and made the code faster by 8%
- Worked with Product Manager in designing a product based on recommendations, predictions from end-user logs

Co-op: Data Analyst Intern

IBM Software Labs   *Jan 2018 - June 2018*

- Analytics on IBM MaaS360 products, user patterns and product analytics to create meaningful insights and improve end-user experience , also Identifying buying trends and built a recommendation system for end-users

SKILLS

Languages: JAVA,Python, MySQL, C/C++, PHP, JavaScript, Shell script, HTML/CSS, R, Apple Scripting
Frameworks/Devops: JUnit,SPRING,REST, CI/CD - JENKINS, Ruby on Rails, KIBANA,DevOps, Azure, Access
Developer Tools: Eclipse,GRADLE,GIT, IntelliJ, Android Visual Studio, JIRA, Tableau, phpMyAdmin, RStudio
Courses:DIP,ML,AI,Corporate Strategy, DBMS,Data Modeling, Analytics,Machine Perception,Operating Systems

ACHIEVEMENTS

Performer of the quarter award,AJIO , for providing building a Coupon Recommendation System, June 2020
MGR 18 Hack, IBM : Winner, Sentiment Analysis on Employee Happiness using IBM Watson services, Jan 2019
Worked with a startup "Little People Little Careers" for development of business plan and prototype,Nov 2016

PROJECTS

Bee-tron | *Python, R, FaceBook API, Engati, Tableau*

- Helper bot for students who want to join IIITB in answering their queries related to IIITB (in its scope) which is deployed on a Facebook page helped improve user experience by 50% and helped reduce repetitive work by 75%

World Development Indicators | *R,Python,Tableau,Kaggle Dataset*

- Employed different data processing techniques like association, clustering, descriptive and classification on the data set and created an index based using feature selection algorithms select KBest and the output of these analysis. Used this index for predicting development index of the countries.

What should I choose? – Machine Learning | *OpenCV Python, NLP, Knn, Clustering, CNN*

- Most people usually get confused regarding what the attire should be for a particular occasion, so given the set of clothes this model suggests the outfit for a particular occasion.

EDUCATION

New York University, NYU Stern,Courant   3.8/4.0

Masters in Information Sciences   *Aug 2021 – May 2023 (Expected)*

International Institute of Information Technology, Bangalore   3.3/4.0

Master and Bachelor of Technology in Computer Science   *Aug. 2013 – July 2018*