Prathik Shetty

Email LinkedIn Github Kaggle Spark AR

An articulate and quick thinking young individual with a natural flair to communicate and build solutions for community. Thorough understanding of adequate problem solving strategies. Skilled at responsive web development and machine learning.

Education

B.Tech in AI&ML   9.7(SCGPI)
Thakur college of engineering & technology(TCET)   sem 1 to 4
2020-2024

Technical skills

Web development Python/R Linux   C/C++ SQL Augmented Reality   Machine learning

Training and Internships

Reasearch on ML in cybersecurity - IIT Roorkee
  - Built crime dekho in hackathon conducted by IIT Roorkee.
  - Crime dekho implements crime mapping and hotspot generation along with filteration.
  - Proposed prototype on Predictive policing using Deep learning based on dataset using LSTM and RNNs.

Internship - TechLearn.live
  - Exploring real-life machine learning topics and case study on them eg: How myntra uses reverse image search, Amazon Go , Tesla autonomous system ,etc.
  - Breaking down the algorithms and models behind them using Machine learning & deep learning.
  - Making people aware of machine learning applications and it's significance

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Open source - Mindsdb
  - Learnt about Automl and in database machine learning that leverages the power of SQL queries to predict classify and more where your data lives
  - Contributed to documentation and also created content on mindsdb as a contributor
  - .Future planning to conduct live sessions on mindsdb and give back to the community

Hackathon Experience
Need for code
  - Image classification for reverse image search using deep learning approach.
  - We built a solution through machine learning for ecommerce recommendation
  - Used ResNet state of art model to train the RNN model

Recursion 3.0
  - Built a project on data analysis/ML
  - Implemented sentimental analysis to find customer feedback about the products
  - Implemented recommendation system using ML user based collaborative filtering
  - Used firebase to handle the storage aspects and load image dataset.

Projects
  - Research Nerd – a research paper recommendation web app NLP
  - Snakezy - A Reinforcement learning game using Keras Tf
  - FashionBuddy – Product recommendation system and NLP
  - Dripy – ecommerce recommender system using ResNet model
  - CrimeDekho – Crime analyser & mapper also Predictive policing prototype