VINIT KOSHTI

Data Scientist/Machine Learning Engineer

@ vinitkoshti1@gmail.com   📞 +91 7073282678   ✉ 102 Dev Elegence, Maninagar, Ahmedabad
📍 Gujarat, INDIA   🔗 www.investorbhai.com/   in linkedin.com/in/vinitkoshti/   ⓞ github.com/Vinit-Koshti

EXPERIENCE

Co-Founder
PeerXP Technologies

📅 November 2017 – September 2019   📍 Gurugram

- My Startup was basically providing DevOps service(automating complete CI/CD process) for various companies project which were based on different technologies.
- My Contribution: Connecting with client and understanding their project, Developing CI/CD yml script for automating complete DevOps lifecycle using GitLab and other tools.
- My Drive: I was continuously working on Machine Learning and Deep Neural Network and how to bring innovation in our product/services.

10000 Startups
Incubatee at NASSCOM

📅 July 2018 – September 2019   📍 Gurugram

Y Combinator
Graduated from Y Combinator Startup School

📅 August 2018 – November 2018   📍 Online

PROJECTS & SPECIALIZATION

Machine Learning
Applied AI Course by Shrikanth Varma

- QUORA-question similarity, NETFLIX-movie recommender system, AMAZON-fashion discovery engine, STACKOVERFLOW-tag predictor, FACEBOOK-friend recommendation, NYCTAXI-demand prediction, CANCER-diagnosis using medical records, AUTONOMOUS CAR

Deep Learning Nanodegree
Udacity

- DOG BREED CLASSIFIER: Designed and trained a convolutional neural network to analyze images of dogs and correctly identify their breeds. Used transfer learning and well-known architectures to improve this model.
- GENERATE TV SCRIPTS: Build a recurrent neural network on TensorFlow to process text. Used it to generate new episodes of your favorite TV show, based on old scripts.
- GENERATE FACES: Build a pair of multi-layer neural networks and make them compete against each other in order to generate new, realistic faces.
- DEPLOYING A SENTIMENT ANALYSIS MODEL: Trained and deployed PyTorch sentiment analysis model.

ABOUT ME

Data Scientist with 2 years of industry and 1 year of Advance Machine Learning experience. I have experience of founding a Tech Startup to publishing research work. I have found that nothing satisfies me more than meeting new people, developing new relationships, solving problems and contributing to the overall growth of a business.

STRENGTHS

Python   C++   Javascript   MySQL

Machine Learning - SVMs, RF, XGBoost

Deep Learning - CNN, RNN, GAN, RL

Probability/Statistics   EDA-ETL

Tensorflow-Keras-PyTorch-MXNet

Docker/Kubernetes   Spark/Hive

CI/CD   AWS SageMaker - MS Azure

EDUCATION

B.Tech in Computer Science
NIIT University

📅 July 2014 – May 2018

HONOURS & AWARDS

🏆 **Global Business Idea Hackathon 2017**
Won this hackathon conducted by Accel Partners.

🏆 **Smart India Hackathon 2017**
Top 3 National Level Winning Team.

🏆 **Inspire Award Warrant**
received from the DEPARTMENT OF SCIENCE AND TECHNOLOGY of Goverment of India.

🏆 **Member of Advisory Committee**
elected as a member of the President's student advisory committee at NIIT University.

PUBLICATIONS

👥 Part of the AISC book series (Springer, volume 799)

- Koshti, Vinit et al. (2018). "Online Partitioning of Large Graphs for Improving Scalability in Recommender Systems." In: Springer Nature, Singapore.

- Computational Intelligence: Theories, Applications and Future Directions - Volume II
- Abstract: Today social network is changing the way we think and do things. The people we 'trust' or 'are close to' in our social network continuously shape our views about different things. This trust-based relationship can be harnessed to recommend items to users. In this paper, we aim to tackle the problem of scalability in online recommender systems using an online graph partitioning algorithm.

👥 Conference Proceedings - Ready for Submission

- Koshti, Vinit (2019). *Algorithm for finding K-shortest path and K-alternate path in graph topology.*

- Abstract: In this project we have tried to reduce the runtime of conventional techniques by exploiting the physical structure of the road network and using network pre-processing techniques. Our algorithms may not guarantee optimal results but can offer significant savings in terms of memory requirements and processing speed.

REFEREES

Mr. Balaji S R
@ NIIT Limited
✉ balajisr@niit.com
Senior Vice President - Education Technology

- -

Prof. Prosenjit Gupta
@ NIIT University
✉ prosenjit.gupta@niituniversity.in, prosenjit_gupta@acm.org
Ph. D. , University of Minnesota, Minneapolis, USA

EXTRA CURRICULAR

- A Big Investment Enthusiast and financial advisor.
- InvestorBhai - Blog and Community for Investors. WordPress website is completely managed by me.
- Travelling is Life.
- Music does its work.
- Book Reading - Investment related and self-help books.