Roshan Ray

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EXPERIENCE

Vision Residency   **Dec'19 - present**
Creator/Co-founder
- Co-Founder and Creator of proprietary web app startup.

CHG IT Consultancy   **April'18 - Sep'19**
Deep Learning Engineer   Chennai, TN
- Worked on real world Traffic congestion image data for the entire japan to perform a Forecast of 20mins.
- Proposed and developed from mobile service data of various Mesh Code(jp) to recommend the best location to open a new Konbini store.

Buddihealth Technology, Healthcare   **(Sep - Dec)'17**
Applied Machine Learning Intern   Chennai,TN
- Worked on a Graphical model using Node2vec for Autocoding.
- Trained word2vec model, experimented with different approaches of hyperparameter tuning for best performance.

PROJECTS

OpenMined, Private and secure AI   **Tools used**
Open source developer   Python,Pysyft,PyTorch
- Working on Differential Privacy.
- Experiment with federated learning for classification problem.

Project thetravelsopher,   **Tools used**
Applied Machine Learning Intern   Python,NLP
- Highly scalable travel guide enabled semantic web.
- Dataset was created using an open source ontology editor called protege.

EDUCATION

SRM University   **2013-2017**
B-Tech,Software Engineering
Area of Interest : Programming,software development,AI

OTHER

Skills   Python,Git,linux,PyTorch,Tensorflow,Chainer.
Production   Docker,Kubeflow,FastAPI,Uvicorn,AWS
Open Source   Contributed to OpenMined (OpenMined Org)
Research Interest   Safe AI,Reinforcement Learning,Meta-Learning.