Divyansh Jha

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EDUCATION

IP UNIVERSITY
B.Tech in Electronics & Comm.
Expected Dec 2019 | New Delhi, India
CGPA: 8.56/10 Till Now

CBSE BOARD
XII
Grad. May 2015 | New Delhi, India
Grade : 96%
X
Grad. May 2013| New Delhi, India
CGPA : 9.6/10

LINKS

Github:// **divyanshj16**
LinkedIn:// **divyanshjha**
Medium:// **divyanshj.16**

COURSEWORK

Machine Learning (CS229)
Convolutional Neural Nets(CS231n)
NLP with Deep Learning(CS224n)
Deep Learning.ai
Python for Data Science
Mathematics I-IV
Signals and Systems
Data structures and Algorithms

SKILLS

LANGUAGES
• Python • Javascript • C++
• C • Shell • Ruby

FRAMEWORKS
• TensorFlow • PyTorch • Scikit-learn
• gym • fastai • Django • Rails

SIDE PROJECTS

Nand2Tetris Feb 2017 - June 2017
Built a virtual computer starting from NAND gates all the way to an assembly language and a VM language

PropGage | Feb 2018
A fintech based web platform for borrowers to get loan through bidding on their mortgages

Smuco | March 2018 - Present
A B2B platform for prediction of next order of customers from past data of the businesses.

INTEREST

•Football •Travel •Research

EXPERIENCE

AI SATURDAYS BY NURTURE.AI | Lead Speaker and Ambassador
Dec 2017 – Present | Delhi, India
- Organise AI meetups each saturday
- Teach deep learning topics
- Conduct hands-on coding sessions of implementation of various algorithms

TWF FLOURS | Data Science and Machine Learning Intern
Jun 2017 – Aug 2017 | Noida, India
- Automated the task of data collection from Amazon seller APIs
- Created database structures to store collected data.
- Created intelligent models to predict the next order of each customer.

DEEP LEARNING PROJECTS

IMAGE CAPTIONING
Jan 2018 – Feb 2018 | Delhi, India
- Implement RNNs and LSTM in raw numpy and used vgg16 for image features
- Used MS-COCO dataset for training and validation

GAN COMPARISONS
Feb 2018 – March 2018 | Delhi, India
- Comparison of Vanilla GAN, LSGAN, and DCGAN on MNIST
- Implemented the above architectures in both PyTorch and TensorFlow

CART-POLE BALANCING
March 2018 – PRESENT | Delhi, India
- Use of Open-AI gym enviroment
- Comparitive study of various policies both naive and neural network based.

RESEARCH

EFFICIENCY EVALUATION OF DEEP LEARNING CLASSIFIERS
Jan 2018 - Feb 2018 | Delhi, India
- Abstract accepted to IEEE SoutheastCon 2018 as a Poster.
- Studied MLP and CNN architectures on MNIST to test Google Colaboratory
- Devised a new metric to evaluate the performance

MISCELLANEOUS

INTEL CORPORATION | AI Student Ambassador
Dec 2017 - Present | Delhi,India
- Organise AI meetups sponsored by Intel

UNIVERSITY OF SAN FRANSISCO | Fast.ai Fellow
Nov 2017 – Present | Delhi, India
- Implementation of SOTA models for Image and Text Classification.

ACHIEVEMENTS

2018   15th rank in hackerearth competition out of 6k participants
2018   4th in NSIT Fintech Hackathon
2015   Ist in academics and top 5%ile in Delhi in CBSE boards