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

Parya | April 2018
A platform for educating startups and connecting them to investors.

INTEREST

•Football •Blogging •Research

EXPERIENCE

GEONUMA SOFTWARE PVT. LTD. | Deep Learning Intern
May 2018 – Present | Delhi, India
- Developed a swimming pool detector on satellite imagery.
- Developed a CycleGAN model to convert satellite imagery to stamen water color

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

ATTENTION IS ALL YOU NEED
June 2018 – PRESENT | Delhi, India
- Implemented various layers as described by the paper
- Dataset used: IWSLT 2014 de-en

IMAGE CAPTIONING
Jan 2018 – Feb 2018 | Delhi, India
- Implemented 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

RESEARCH

EFFICIENCY EVALUATION OF DEEP LEARNING CLASSIFIERS
Jan 2018 - April 2018 | Delhi, India
- Poster published in IEEE SoutheastCon 2018, Florida.
- Studied MLP and CNN architectures on MNIST to test Google Colaboratory
- Devised a new metric to evaluate the performance of a classifier

MISCELLANEOUS

- AI student ambassador at **Intel Corporation** , where I mainly conduct meetups and speak on various AI topics
- I am Delhi chapter ambassador of **Nurture.ai AI saturdays** where I conducted over 12 meetups from December 2017 to April 2018
- Selected twice for **University of Fan Francisco's Fast.ai fellowship** programme as an International Fellow.

ACHIEVEMENTS

2018 Awarded 5000 USD under **Intel Early Innovation programme**
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