Shashank Shekhar

http://shashankshekhar.me

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EDUCATION

ARYA COLLEGE OF ENGINEERING & I.T.
BTech in Computer Science
Expected May 2020 | Jaipur, IN
Current: Sophomore

TRIDENT PUBLIC SCHOOL
Class XII
May 2015 | Muzaffarpur
Percentage: 91.6%

D.A.V. PUBLIC SCHOOL
Class X
May 2013 | Muzaffarpur
CGPA: 10.0

LINKS

Github:// **shashank2806**
LinkedIn:// **shashank2806**
Twitter:// **@shekhar28june**

COURSEWORK

UNDERGRADUATE
Data Structures & Algorithms
Linux and Shell Programming
Object Oriented Programming
Software Engineering
Fundamentals of Computing
Principles of Programming Languages

SKILLS

PROGRAMMING
Proficient:
Python • C • C++
Moderate:
Matlab • LaTeX • HTML • Octave
Familiar:
Shell • JavaScript • CSS • MySQL

LIBRARIES
NumPy • TensorFlow • Pandas
Matplotlib • SciPy

TOOLS
Git • GitHub • Jupyter Notebook
Sublime Text • Linux • AWS

PROJECTS

SIGNS | Deciphers American Sign Language
Python, TensorFlow | March 2018
- Built a multiclass classifier with TensorFlow using subset of SIGNS dataset.
- Built an algorithm that would facilitate communications from a speech-impaired person to someone who doesn't understand sign language.

NOT-CAT | Cat Classifier
Python, NumPy, SciPy | Feb 2018
- Built a binary classifier from scratch using Deep Neural Network and applied it to cat vs non-cat pictures classification.

RICEROCKS | Interactive GUI Game
Python, Simplegui | Aug 2017
- Implementation of classic acrade Game Asteroids.

PROFESSIONAL DEVELOPMENT

AN INTRODUCTION TO INTERACTIVE PROGRAMMING IN PYTHON (PART 1) & (PART 2) | Rice University
Coursera (MOOC platform) | June 2107
Learned Python and made interactive GUI games like Pong & Blackjack. Also learned Object Oriented Programming concepts.

MACHINE LEARNING | Stanford University
Coursera (MOOC platform) | Jan 2018
Learned about Supervised, Unsupervised learning, Clustering, SVM, Neural Networks, Reccomender Systems, Dimensionality Reduction, Bias/Variance, etc.

NEURAL NETWORKS AND DEEP LEARNING | deeplearning.ai
Coursera (MOOC platform) | Feb 2018
Built, trained and applied fully connected deep Neural Networks. Implemented efficient (vectorized) Neural Networks in Python using NumPy, .

IMPROVING DEEP NEURAL NETWORKS | deeplearning.ai
Coursera (MOOC platform) | March 2018
Learned Hyperparameter tuning, Regularization and Optimization. Also learned Machine Learning Framework like TensorFlow.

AWARDS & HONOUR

2018	Finalist	Rajasthan Hackathon 4.0
2018	Finalist	RTU THAR 2K18 Code-Matrix
2017	1st Prize	RTU THAR 2K17 Code-Castle

ACTIVITIES

- Completed Hacktoberfest 2017 Challenge organized by DigitalOcean & GitHub and awarded with Limited Edition T-Shirt.
- Student Ambassador for IMAD - an online course conducted by IIT Madras and Hasura in partnership with NPTEL
- Open Source Contributor to organisation on GitHub namley OpenGenus & tldr-pages