Rohan Chaudhary

E-mail : rohanrc1997@gmail.com

Phone : +91-7800151372

Website: https://github.com/rohanrc1997

Address: A-101, Amrapali Castle, Sector: Chi-5
Greater Noida, GB Nagar
Uttar Pradesh, India-201308

Education

Bachelor of Technology in Information Technology
August 2015 — Present

Indian Institute of Information Technology, Allahabad

Cumulative GPA: 3.5   Last Semester GPA: 3.65

Senior Secondary Examination - Class XII
March 2014 — March 2015

Ryan International School, Greater Noida

Aggregate : 95.2%

Higher Secondary School - Class X
March 2012 — March 2013

Ryan International School, Greater Noida

Cumulative GPA : 4.0

Skills and Interests

- Adequate theoretical knowledge in AI about search algorithms, supervised and unsupervised learning paradigms.
- Strong mathematical background in linear algebra, optimization and operations research.
- Intermediate Experience with building projects based on Convolutional Neural Networks using Open Source Frameworks including Tensorflow and Keras, built in Python.
- Image Manipulation and Processing using MATLAB and OpenCV as well as high-level design frameworks like Adobe Photoshop and Illustrator.
- Very fluent in English language, in both written and spoken forms.

Academic Project Experience

Recognition of Handwritten Mathematical Expressions (ROHME) : Built on top of Google's Tensorflow and Python, It consisted of an enhanced form of a neural network based on the CNN for Handwritten Digits Recognition Based on LeNet-5 Architecture(Proceedings of the IEEE, November 1998) by Y. LeCun, L. Bottou, Y. Bengio, and P. Haffner, wherein the pooling and the FC layers were optimized and finely tuned to improve upon the accuracy.

Blendi-Py : In essence, this project is a minimal and light implementation of a Pre-Trained VGG16 Deep Learning Model used for image classification, built on top of Keras and Theano frameworks in Python. The problem involved in the application here is styling a given 'base image' according to the textures(features) of another 'reference image' to produce a new image as the output.

Qualifications And Achievements

- Attended the 'Workshop on Machine Learning and Data Analytics 2017 organized jointly by Science and Engineering Research Board, India (SERB) and Department of Science and Technology (DST).
- Gold Medalist in The National Science Olympiad organized by the Unified Council with an international rank of 124.
- Secured an All India Rank equivalent to 99.4% precentile (national) in Joint Entrance Examination (JEE) 2015.

Leadership and Activites

- 2017 : Participated in the Global Volunteer Program in AIESEC, Indonesia sponsored by the United Nations.
- 2016 : Head, Department of Creatives and Design at Effervescence, The cultural festival, IIIT Allahabad.
- 2016 : Member, Department of Design at Aparoksha, The technical festival, IIIT Allahabad.
- 2015 : Institute of Electrical and Electronics Engineers (IEEE) – Consolation Prize for the best Idea and Presentation on the theme - "Humanitarian Technology ".