Ratndeep Kaushal

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Academics/ Academics Background

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| Course | Year of Completion | Board | CGPA |
| Btech  (Computer Science) | 2017-Present | AKTU Affiliated | 7.54 |
| XII(Senior Secondary), Science | 2017 | CBSE Board  (Sunbeam Suncity) | 9.00 |
| X(Secondary) | 2015 | ICSE Board  (S.T Mary’s School) | 8.00 |

Academic Projects

Smart Dustbin (Duration – 2 Weeks)

When smart bin replace the traditional bins waste can be managed efficiently as it avoids unnecessary lumping of wastes on roadside.

Smart Irrigation System (Duration – 4 Weeks)

This system consists of solar powered water pump along with an automatic water flow control using a moisture sensor. This project was to overcome general problem faced by Indian farmers of frequent power cuts and non-availability of grid supply.

Cat Recognition (Duration – 1 Week)

First project on Machine Learning, in which model was trained by datasets available for cat images and then capability to recognise that which image contains a picture of cat.

Trainings

WAC Trainings (Duration - 2 Weeks)

Machine Learning training held at BHU, Varanasi where basic concepts and building blocks of ML were taught. Some of these concepts are – Linear & Logistic Regression, Clustering, K-nn etc.

Certifications

MTA (Microsoft Technical Associate) in Python

Deep Learning Specialization(Coursera) by Andrew Ng

PTO

Co-curricular/ Extra-Curricular Activities

Smart India Hackathon

A nationwide hackathon to provide students a platform to solve some of pressing problems we face in our daily lives. We worked on project of Smart Irrigation System and also got experience how to handle and work under pressure.

Nasa Space App Challenge

It is annual NASA's global hackathon held in April, and serves as innovation incubation and civic engagement program. It was one-day program where problem statement was given and within hours we had to come up with ideas & a prototype.

Dexterix 2.0

Intercollege hackathon held at Galgotias University was one of the competition where our solution didn’t work even after we got selected in first evaluation. This time I learnt how much pre-preparation is required & team work importance.

Personal Info

Date of Birth: 21st December 2000

Hobbies

* Video Gaming (FPS)
* Non-fiction Novels (Favourite: The Monk who sold his Ferrari)
* Crime & Mystery Drama Series (Favourite: American Crime Stories)

Mentor: Robin Sharma (Author & Self Help Motivator)

Aaron Marino (Self Help & Fashion)

Ideal: Gary Vaynerchuk (CEO, VaynerMedia)

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