Anoushkrit
Goel

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Skills

Python, Flutter, Verilog, C, Keras, **PyTorch**, Tensorflow, GCP, Blender, Cadence, MATLAB, Assembly Language,

NLP (Natural Language Processing), Computer Vision, Deep Learning,

Personal Info

DOB (DD/MM/YYYY) – 04/06/1997

Gender: Male

Hobbies

- Swimming, Basketball, Table Tennis
- Portrait Making, Sketching
- Fingerstyle Guitar Picking
- Mentoring
- Organizing Events and Volunteering for a cause
- Designing and Optimizing Various Tasks

Education

Shiv Nadar University

B. Tech (Electronics and Communication Engineering)	**7.6**	May. 2019
B. Des (Minor in Design)	**9**	May, 2019

Delhi Public School, Ghaziabad (CBSE)

Senior Secondary Level (XII)	**92.4%**	Mar, 2015
Secondary Level (X)	**10**	Mar, 2013

Industrial Experience

Junior Data Scientist, xtLytics LLC — Mar'19 - Present

NextGen Invent Corporation

- **Dr. Susan Love Foundation** — Feb '19 – Present
  Developed an edge-based AI app for the Low Middle Income Countries to Triage Breast Cancer using Ultrasound Images with the help of Deep Learning Techniques (CNN) on a data set of around 6500 Images. **(from scratch to deployment)**

- **Leviathan** — Sep' 19 – Present
  State-of-the-art **Invoice OCR** using GCP (Google Cloud Platform) which extracts Tables and further transforms the data inside those tables to desired account sheets by the Clients (50 Gas Station in US)

- **Help Me See** — Feb' 19 – Mar' 19
  Developing an interactive and augmented 3D model of an eye for training purposes to be used by Untrained Medical Professionals in surgery and other medical procedures on the eye.

Data Analyst, xtLytics LLC — Jan' 19 – Feb'19

NextGen Invent Corporation

- Creating Dashboards and insights for Clients using IBM Watson, SAS
- Awarded "Pause of Applause" achievement at the Organization.

Relevant Achievements/Certifications

Neural Networks and Deep Learning	Coursera	3G94WMR432EK
Improving Deep Neural Networks	Coursera	Z659SG7D22SG
Structuring Machine Learning Projects	Coursera	V8N6SVNRZS2J
Convolutional Neural Network	Coursera	4KWP4593LP53

- Selected twice for National Level of **NTSE** (National Talent Search Examination) conducted by NCERT. (Class 10 and 8)
- Selected for regional level **RMO** (Regional Mathematics Olympiad) conducted by NISER in Class 10.

Design Projects

Multi-Tasking Attachment for Laptop: Creating an attachment with the laptop which ensures Multi-Tasking by user by displaying the phone by the side of the screen and attaches to it.

Earphone Winder: This 3D printed device allows the user to wind their earphones which helps avoid them the problem entangling of earphones

Essential Student Shelf: Submission to the Shelving Contest by Instructables which required a creation of an innovative shelf which could win the contest.

Language of Colour Communication: Reported the impact of colour and how it communicates with the human psychology in a Research Paper.

Leadership Experience

Founder, VEIG   Oct' 17- May' 19

Started an AI club, **VEIG** stands for Virtual and Augmented Reality,

Encryption, Artificial Intelligence, and Game Development, and managed a group of 15 students directly and 139 indirectly.

Founder, Dauntless   May' 18 – May' 19

Started a Martial Arts and Fitness Club, **Dauntless,** and managed a group of 12 students directly and 73 indirectly.

Startup Experience

Head, Concept Art Team [Zenida Studios]   Mar' 16 – July' 18

Managed a group of 12 people directly in delivering the concept art required to complete the process of Game Development

Dean, School of AI   Jun' 18 – July' 19

School of AI is a San Francisco based Startup which delivers **AI** education for all. This was a Pro-bono work to help the community of Data Enthusiasts by conducting meetups, hackathons and sessions.

Projects

Teresa (2.0)   Jan' 19 – Jun' 19

Artificially Intelligent Healthcare Assistant (Biomedical Text Analytics Tool) build using python which takes name of database, # research papers, and topic as the input and outputs visualization and insights to the researchers.

Teresa   July' 18 – Dec' 18

A Digital Auscultation Device which placed over the neck provide various bodily characteristics including heart rate, breathing amplitudes, and speech. Using STM32 F767ZI and Sequence Models.

Passify   Oct' 16 – Dec' 16

A Backtrack-able unique password generator Android app which allows user to create passwords

Stock Price Forecasting   Nov' 17 – Feb' 18

Predicted the values of future stock prices based on the previous weekly data of NYSE Stocks (1981-2011) using LSTM and RNN.

VLSI implementation of Fast Convolution   Mar' 18 – Apr' 18

Implementation of the above stated IEEE paper with optimization on the design of the same.