Anoushkrit Goel

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Skills

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

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)** *[python]*

- **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) *[python]*

- **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. *[Blender]*

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. *[python]*

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. *[MATLAB]*

Passify — Oct' 16 – Dec' 16

A Backtrack-able unique password generator Android app which allows user to create passwords specific to each website which eliminates the need of a common/master password. *[JAVA]*

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, implemented various EDA techniques to visualize the dataset. *[MATLAB]*

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

Implementation of the above stated IEEE paper with optimization on the design of the same using *[Cadence]* (PCB Designing Software)