

CV

Aman Pradhan

Email: pradhanaman2595@gmail.com

Phone: +91 9554492257

EDUCATION

- 2014 - 2018 **Bachelor of Technology, Information Technology**
Ajay Kumar Garg Engineering College - 74.58%
- 2012-2014 **Indian School Certificate (ISC) Examination, CISCE**
Modern Public School, Farrukhabad; Percentage –91.6%
- 2010-2012 **Indian Certificate of Secondary Education (ICSE) Examination, CISCE**
Modern Public School, Farrukhabad; Percentage –87.57%

ACHIEVEMENTS

- 2010 Achieved an Olympiad rank of **1595** in **International Informatics Olympiad**
- 2012 Stood **3rd** in the district in **ISC** examinations conducted by CISCE, New Delhi
- 2012 Achieved a perfect score of 100 in Maths in **ISC** examinations conducted by CISCE, New Delhi
- 2015 Achieved First position in innovatia, an App Development event at ABES
- 2016 Achieved Second Position in Appathon, an App Development event at Amity University

JOBS & INTERNSHIPS

- Aug'18-Present Deep Learning Intern, Synergy Labs
- May-Jun'17 BACKEND WEB DEVELOPER INTERN, OMOADS

TECHNICAL EXPERIENCE

- Feb'17-Mar'17 BACKEND WEB DEVELOPER, SMART INDIA HACKATHON
- Took part in **Smart India Hackathon, 2017**, as a backend web developer using PHP
 - Worked on project **Science Express**, to facilitate smooth functioning and exhibition of Science Express Train, powered house funded by the **Ministry of Science and Technology, India**.

RELEVANT COURSE PROJECTS

- 2018 FACE GENERATION
Course: Deep Learning Foundation:II Nanodegree, Udacity
- Worked on GANs by Ian Goodfellow
 - Generated new images by using CelebA image dataset
- 2017 LANGUAGE TRANSLATION
Course: Deep Learning Foundation:II Nanodegree, Udacity
- Created an English to French Translator
 - Trained a sequence to sequence model on a dataset of English and French
- 2017 TV SCRIPT GENERATION
Course: Deep Learning Foundation:II Nanodegree, Udacity
- Generated New Simpsons TV Script
 - Trained a Recurrent Neural Network on Simpsons dataset of scripts to generate new TV script of Simpsons

2017 TRAIN A SMARTCAB TO DRIVE

Course: Machine Learning Engineer Nanodegree, Udacity

- Trained a Smartcab to drive using Reinforcement Learning.
- Constructed an optimized Q-Learning driving agent that will navigate a *Smartcab* through its environment towards a goal

2017 SENTIMENT ANALYSIS

Course: Deep Learning Foundation:II Nanodegree, Udacity

- Did Sentiment Analysis on Movie Reviews to determine whether it was positive or negative
- Trained a Recurrent Neural Network that performs sentiment analysis using embedding and word2vec

2016 STOCK PRICE PREDICTOR

Source: Siraj Raval Coding Challenge

- Predicted future prices of stocks on the basis of its past records

RELEVANT COURSES

Machine Learning	Machine Learning by Stanford University: Supervised Learning, Unsupervised Learning, Neural Networks. Deep Learning Foundation II Nanodegree, Udacity: Recurrent Neural Network, Generative Neural Network, Q-Learning, Bayesian Learning.
Deep Learning	Deep Learning by Google: Deep Neural Networks, Convolutional Neural Networks, Deep Models for Text and Sequences Neural Networks and Deep Learning, Coursera: Logistic Regression, Vectorization, numpy, backpropagation, Planar Data Classification with hidden layer

TECHNICAL SKILLS

Programming languages	Python, Java, C
Engineering softwares	MATLAB, Octave, Git, Android Studio
Statistical programs	R, MS Excel
Web-designing languages	HTML, CSS, PHP, Django
Programming Libraries	Numpy, Pandas, Matplotlib, Scikit-learn, Tensorflow, Keras

POSITIONS OF RESPONSIBILITY

Feb'17-Mar'17	CONVENER, INFORMATION TECHNOLOGY FOR BUSINESS TRANSFORMATION CONFERENCE <ul style="list-style-type: none">• Part of Students' Technical Activities Body, AKGEC• Facilitated Smooth functioning of the International Conference
Jul'16-Apr'17	MENTOR TO SECOND YEAR <ul style="list-style-type: none">• Mentored 120 students in the subject of Data Structures and Operating System

EXTRA-CURRICULARS

2017 & 2016	Gold medalist in Inter Branch Sports meet Table Tennis Competition, AKGEC
2015-16	Volunteered in an NGO "Light de Literacy" to teach underprivileged children in Ghaziabad