ANUBHAV JAISWAL

2016014, Email: anubhav16014@iiitd.ac.in

DOB: 25th August, 1999

Address: C27, Sanwal Nagar, New Delhi - 110049

IIITD

Education

IIITD B.Tech(CSE) 2016 – Present	CGPA: 8.3 (Current)
THE MOTHER'S INTERNATIONAL SCHOOL, DELHI CBSE 2015-16	Percentage: 93.4%
THE MOTHER'S INTERNATIONAL SCHOOL, DELHI CBSE 2013-14	CGPA: 9.4

Skills

Expertise Area	WEB DEVELOPMENT, MACHINE LEARNING, MARKETING OF A PRODUCT
Programming Language	C/C++, JAVA/C#, PYTHON, R, PHP, HTML/CSS/JS, ANGULAR.JS, REACT.JS, NODE.JS, SQL
Tools and Technologies	SCIKIT-LEARN, PANDAS, PYTORCH, TENSORFLOW, SPRING BOOT, HIBERNATE, OCTAVE, MATLAB, CODEIGNITER, DJANGO, ELECTRON.JS, AWS, DIGITAL-OCEAN, GCP, JAVAFx
Electives	Number Theory, Graph Theory, Psychology, Introduction to Media and Society, Psychology

Internship / Work Experience

Intro to Programming, IIITD (August, 2018 – Novermber, 2018)
Guide: Vikram Goyal

Was a teaching assistant for the CSE101 - Intro to Programming course in Python under Prof. Vikram Goyal.

One97 Communications Ltd. (Paytm) (June,2018 –July, 2018)
Guide: Dheeraj Tyagi

Part of the B.O. team at Paytm. Worked on Spring Boot, Django and TensorFlow, during this internship.

Express Roadways Pvt. Ltd. (Industrial) (June,2017 –July, 2017)
Guide: Alok Ranjan

Develop an ERP system for transporting, for the web part. Integrate AI for business, and deploy it with major companies. (www.expresservu.com)

Projects

Predicting and correcting missing/incorrect data using Neural ODEs
Guide: IP under Dr. Tavpritesh Sethi

(January, 2019 – Present)
Team Size - 2

The data collected in medicine is a continuous time series data, that might be imputed, incorrect or even missing. It might hamper the prediction models for various uses in the field and cause catastrophic failure in multiple applications. Neural Networks being discrete don't adhere to this problem quite accurately. This is where neural ODEs come in. The ODEs are differentiated through time and not the hidden states, and thus can provide the datum at any point in time (even irrational!).

AI Driven Course Management Platform
Guide: BTP under Dr. Pushpendra Singh

(June, 2018 – Present)
Team Size - 2

A course management platform which understands the queries, announcements, deadlines and even humour posted on it. The AI system is able to deliver answers to doubts posted by the students on the forum. Each resource, announcement and deadline(optional) posted by the teacher helps the AI understand and help the student in a better way. Moreover, it also suggests the student various links and other trusted set of resources on the basis of the interests shown by the student. Lastly, it also generates a performance report of the student, on the basis of the usage of the platform, resources accessed, doubts asked, marks scored, etc., which the teacher can use to better help the student.

Movie Success Prediction
Guide: Course Project in ML under Dr. Saket Anand

(August, 2018 – November, 2018)
Team Size - 4

The success of a movie was determined pre-hand on various factors. The Movie meta data including its budget and plot were considered. Moreover, the released trailer of the movie was also analysed to get a brief idea of the earning of the movie, including the social media power of the cast, the director and production house.

Radicalisation of Twitter
Guide: Course Project in NLP

(August, 2018 – November, 2018)
Team Size - 3

Detected radicalisation in twitter accounts. The dataset was collected over Kaggle and using Twitter Api. Many features including specific words, their position and the respective POS tags, were analysed.

Chain Reaction
Guide: Prof. Vivek Kumar

(October, 2017 – November, 2017)
Team Size - 2

It consisted of making the chain reaction game in JAVA, with the help of the JAVAFX module. Link: https://github.com/Arshdeep25/chainreaction_ap_project

MultiChat System　　　　　　　　　　　　　　　　　　(March, 2018 –
Guide: Prof. Sambuddho Chakravarty　　　　　　　　　March, 2018)
　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Team Size - 2

It is MultiChat system used to transfer messages from one client to other over a Socket Connection. It is written in C using basic IPC mechanisms. Link: https://github.com/anubhavj99/MutliChat-System

Arm Simulator　　　　　　　　　　　　　　　　　　　　(November, 2017 -
Guide: Prof. Rahul Nagpal　　　　　　　　　　　　　　　December, 2017)
　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Team Size - 2

It is an ARM language simulator designed over the python language. It takes most of the basic commands and complies it for the hardware to use. Link: https://github.com/anubhavj99/Arm-Simulator

VR-Game in Unity 3D (course project - System Management)　(October, 2016 -
Guide: Prof. Dheeraj Sanghi　　　　　　　　　　　　　November, 2016)
　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Team Size - 6

Smart Backpack　　　　　　　　　　　　　　　　　　(December, 2016 -
Guide: Prof. Alexander Fell　　　　　　　　　　　　　　May, 2017)
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The backpack is loaded with IoT features as an ultimate upgrade. Some of it include object tracking to be kept in backpack according to the timetable, the location tracker - GPS, automatic and proximity locking system, and so on.

Awards and Achievements

- Event Head - ESYA 2018. Organised the startup hackathon.
- Student Mentor (August 2018 - May, 2019)

- A startup named BookBox E-Services. The startup emerged as an outcome of few decisions lately taken by the CBSE. For now it makes and delivers book sets according to the set designed by the school teachers.
- Scored a 10 CGPA in Number Theory, IED and Intro to Programming
- National Association for Blind (N.A.B.) (05/2015 - 07/2015) : Worked at an NGO for the blind in its Delhi Branch, where I taught children and helped them for chores that required compulsion of eyesight.
- Lawn Tennis (2009 - 2013) : Played in the Delhi sub-junior level in Lawn Tennis for Delhi State.

Interests and Hobbies

- Lawn Tennis
- Cricket

Declaration: The above information is correct to the best of my knowledge.
Anubhav Jaiswal
Date: January, 2019