Placement Application Form

THAPAR INSTITUTE OF ENGINEERING & TECHNOLOGY

Name Of the Organization : Thapar Institute of Engineering & Tech.

Full Name (Block Letters) : UMARPREET SINGH

Roll No. : 101512057

Personal Data

Specialization	: Software Engineering	Gender	: Male
Email ID	: Umarpreet123@gmail.com	Skype ID	: Umar2057
Mobile No.	: +91-75085-88763	Date of Birth	: Dec. 15th,1995
Citizenship	: Indian	Age (as on date)	: 22 years , 5 months
Father/Guardian Name	: Balvir Singh	Occupation	: Farmer
Mother's Name	: Parmjit Kaur	Occupation	: Housewife

Address	Correspondence	Permanent
House Number, Street:	Hostel M, Thapar University	V.P.O. Talwandi Bharo
City, PIN:	Patiala, PIN-147004	District - Jalandhar, PIN - 144630
State, Country:	Punjab, India	Punjab, India
Landline No.:	NA	NA

Languages Known:
(Proficiency in Reading Speaking and Writing)

English	Y	Hindi	Y	Punjabi	Y	Other Please mention	

Academic Record:

Examination	Board / University	Name of School/College	Year	Marks/CGPA Obtained	CGPA/%age	Division
Class X	Punjab School Education Board	S.B.K.S. Khalsa School, Lambra	2012	1109/1300	85.30	A
Class XII	Punjab School Education Board	S.B.K.S. Khalsa School, Lambra	2015	413/450	91.77	A
Diploma	NA	NA	NA	NA	NA	NA

Centre for Industrial Liaison &Placement (CILP)
Phone: (0175) 2393005, 2393002, Fax: (0175) 2393005, 2364498 Email: hsbawa@thapar.edu
Please use additional sheet in case space is insufficient.

Graduation: B.E / BTech

Semester	1st	2nd	3rd	4th	5th	6th	7th	8th
Year	2015	2016	2016	2017	2017	2018	2018	2019
GPA Obtained	8.31	9.04	8.52	8.54	9.20			
CGPA Obtained	8.31	8.69	8.63	8.60	8.67			
Division								
Latest CGPA till last result declared							8.67	

Academic Achievements:

1. Two months training in Advance JAVA from Itronix Solutions, Jalandhar (June 2015 – July 2015)
2. Two months training in Advance Ethical Hacking from Intronix Solutions, Jalandhar (June 2015 – July 2015)
3. Complete training in Android and Mobile App Development from NIIT Patiala (Sept. 2017 – Nov. 2017)
4. Rank 1 in State level competition of General Knowledge and Aptitude by Punjab School Edu. Board (2011-12)
5. Rank 1 in District level competition of Literature Knowledge by Language Centre, Punjab (2009)
6. Overall 2nd position in Mangonel Competition for Engineering Design II

Internship and Projects:

Company: Capstone Group Project   Duration(From-To): March,2018 - Current

Project Title: AgroQuad

Finding diseases and health of a farm with the help of a fully autonomous quadcopter.

Path is optimized using Genetic Algorithm

An Android App for farm selection and Manual drive mode

Detecting diseases using Convolutional Neural Network.

Company: Individual Project   Duration(From-To): Feb,2018 – March,2018

Project Title: Object Detection using ConvNet

Implementation of Convolutional Neural Network from scratch in Python without use of external libraries.

Implementation of YOLO object detection from scratch without any external libraries.

Able to detect objects from 100 categories.

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| Company: | Individual Project | Duration(From-To): | Nov,2017 – Jan,2018 |

Project Title: Digit labelling and Classification using K-Means Clustering and Support Vector Machines

Implementation of K-Means Clustering and Support Vector Machines from scratch in Python

Unlabeled digits first labelled using K-Means Clustering into 10 clusters

Prediction of label for new Digit using Support Vector Machines

| Company: | Group Project | Duration(From-To): | August,2017 – Dec,2017 |

Project Title: Remote Administration Tool (R.A.T.)

A tool to remotely control a machine over the internet using various commands and operations

Written in Java using Networking, OS and File IO libraries.

| Company: | Individual Project | Duration(From-To): | Jan,2018 – Feb, 2018 |

Project Title: Space Shooter game

3D version of an Arcade game developed in Unity and C#

Gamer bombs asteroids approaching toward his spacecraft and earn scores

| Company: | Group Project | Duration(From-To): | Jan,2018 – May,2018 |

Project Title: Smart Wait

A project to replace old school way of waiting queues using queue optimization

Based on the Android App for turn booking and Web app for different counters

Extracurricular Activities/Volunteer Activities (Social, Philanthropic):

Secured 3rd rank in Robowars at TechNiti 2015, (NIIT Jalandhar)

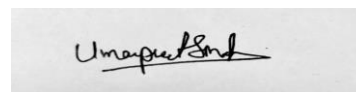Participated in Bhangra Competition in Izhaar 2016, Izhaar 2017 and Izhaar 2018

Volunteered support in Patiala Marathon held on 9th October, 2016

I hereby declare that the particulars given herein are true and complete to the best of my knowledge and belief.

Place: Thapar University

Date: May, 26th 2018

Signature:

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