SHAGUN UPPAL

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DOB : August 31, 1998

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Education

Indraprastha Institute of Information Technology, Delhi B.Tech, Computer Science and Engineering (CSE) 2016 – Present	CGPA: 8.94 (till Vth Semester)
Mount Abu Public School, Rohini, Delhi CBSE, Class-XII 2014 – 2016	Percentage: 97.25% (Best of Four)
Mount Abu Public School, Rohini, Delhi CBSE, Class-X 2002 – 2014	CGPA : 10.0

Skills

Expertise Area	Deep Learning, Machine Learning, Competitive Programming
Programming Language	Java, Python, C, SQL, ARM/Assembly, HTML/CSS, Javascript, Flask, Linux Kernel Programming, LaTeX
Tools and Technologies	Pytorch, Arduino, MATLAB
Technical Electives	Machine Learning, Deep Learning, Image Analysis, Competitive Programming

Internships

Research Intern	Research Intern - IIIT Delhi and Arizona State University (ASU) (Deep Learning and Computer Vision)
	Supervisor : Dr. Saket Anand (IIIT Delhi), Dr. Pavan Turaga (ASU)

Positions of Responsibility

● Member, BYLD - IIITD's Software Development Club	Mar, 2018-Present
● Member, WiT - IIITD's Women in Tech Club	May,2017-Present
● Volunteer, Odyssey - IIITD's Cultural Fest	Jan, 2018
● Organizing Team, ESYA - IIITD's Tech Fest	Aug, 2017
● Organizing Team, ESYA - IIITD's Tech Fest	May,2017-Aug-2017
● Volunteer, Esya - IIIT's Tech Fest	Aug, 2016

Publication(s)

11th Indian Conference on Computer Vision, Graphics and Image Processing: *ICVGIP 2018*
- Geometry of Latent Spaces of Deep Disentangled Models **[Accepted]**
  - Ankita Shukla, **Shagun Uppal**, Sarthak Bhagat, Saket Anand, Pavan Turaga

Projects

Sat-to-Map (Sep'18 - Nov'18)
Guide: Dr. Saket Anand Team Size-2
Description: Learning mappings for generating
city maps from corresponding satellite images.

Kernel Module (April 2018)
Guide: Dr. Sambuddho Chakravarty Team Size-2
Description: Kernel Modules for Encryption
and Decryption Devices for a Linux System.

Recruitement Application Shortlisting System
Guide: Dr. Vikram Goyal (Mar'18 – Apr'18)
Description: A Java based implementation of Applicant Team Size-2
shortlisting system in order to find top applicant contenders.

Chain Reaction - A Multiplayer Arcade Game (Oct'17-Nov'17)
Guide: Dr. Vivek Kumar Team Size - 2
Description: A JavaFX application for a multiplayer arcade
game - Chain Reaction with full-fledged animation and GUI.

Pay Smart (Feb'17-Apr'17)
Guide: Dr. Alexander Fell Team Size - 4
Description: Designing a smart cart which can process
bills automatically avoiding long billing queues using RFID
Readers integrated with an android app and an Anti-Theft Mechanism.

Awards and Achievements

- GHCI Scholarship, Google (2018)
- Rank 221, Google I/O CodeJam (2018)
- Awarded IIIT Delhi's prestigious Chairman's Merit Scholarship (2016)
  - Among the 4 students to receive it out of 278 students.
- Awarded Principal's Commendation Medal (2016)
  - For scoring 97.25% in CBSE (School Topper)
- Awarded Medal for being in top 0.1% students for Mathematics, CBSE (2016)
- All India Rank 4, NASA Astronomy Olympiad (2013)
  - Among 6000+ shortlisted students
- International Mathematics Olympiad (2012-2013)
  - [Class Xth] 2nd level Rank: 241 | Awarded Gold Medal (School Topper)
  - [Class IXth] 2nd level Rank: 414 | Awarded Gold Medal (School Topper)

Interests and Hobbies

- Mathematics, Software Development, Competitive Programming
- Astronomy, Poetry, Arts

Declaration: The above information is correct to the best of my knowledge.
Date: January 10, 2019