

# Akshat Maheshwari

## Education

- 2016–Present** **B.Tech in Computer Science and Engineering**, *International Institute of Information Technology, Hyderabad*.  
CGPA - 7.92/10  
Graduation Expected May 2020
- 2014–2016** **Senior Secondary, CBSE**, *Mittal International School, Kota*.  
AISCEE: XII (CBSE) Percentage - 95.4%
- 2013-2014** **Secondary**, *Atomic Energy Central School No. 2, Rawatbhata*.  
CGPA - 10/10

## Awards and Achievements

- JEE** Ranked 675/1.5 million in JEE Mains and 6092/2,00,000 in Jee Advanced
- KVPY** KVPY Scholar
- NTSE** NTSE Scholar, Top 1000 among 8,00,000 participants
- Parle G Genius** Received rank 1 in the state in 2012, and consolation an year before
- SSTSE** Stood first in the district in 2014

## Projects

- Tic-Tac-Toe AI Bot** As part of the Artificial Intelligence assignment, I made an AI bot for Extreme Tic-Tac-Toe
- SDK for VR Video Processing** This project included developing a desktop based platform for capturing, processing, streaming and rendering live VR videos captured by 360 degree camera. Adaptive streaming was to be done through RTMP server using Microsoft Azure cloud media services.
- C-Shell** Developed a shell coded in C similar to bash, with features like redirection, piping and signal handling.
- Bomberman Game** Developed a 2D python-based game similar to the Bomberman game which runs on Linux terminal.
- Quiz App** Developed a basic quiz app in Ruby on Rails, which allows registration of a user, app management by an admin, and also allows a user to play the quiz.
- Viberr Music App** Made a small Django-based website Viberr by taking its online tutorials.
- OpenGL Games** Made 2D and 3D games in OpenGL

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## Academic Skills

Languages	C, C++, Javascript, Bash, Python(Flask & Django Framework), Matlab(Basic), Ruby(Rails Framework), HTML5, CSS, Scheme(Racket), MIPS & BSV,
Technologies	MySQL, Linux, HTML, OpenGL
Interests	Data Structures & Algorithms, Operating Systems, Machine Learning

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## Relevant Coursework

CS	Computer Programming, Data Structures & Algorithms, Operating Systems, Introduction to Databases, Computer Architecture, Functional Programming(Low-scale)
Electronics	Digital Logic and Processors, Basic Electronic Circuits
Mathematics	Discrete Mathematics, Linear Algebra, Complex Analysis, Graph Theory

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## Position of Responsibility

Felicity-2017	●Part of the organizing team ● <i>Kalakshetra</i> : Responsible for adding colors to the fest and making it lively by the art and craft work.
Felicity-2018	Part of the Break-In team, which organizes the CTF at global level in the college fest
Felicity Buzz-2017	Part of the Zombie Zone event (Gaming event in college cultural fest)

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## Sports

BasketBall	Was part of the school basketball team in the Inter-AEES National Basketball Tournament in 2012.
Table Tennis	Was part of the school Table Tennis team and played many tournaments representing the school.