

# 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.
- Bombberman Game** Developed a 2D python-based game similar to the Bombberman 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** Implemented a 2D game similar in concept to Pacman Killer, and a 3D game similar to the Legend of Zenda game

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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, GNU/Linux, HTML/HTML5, 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), Computer Graphics, Artificial Intelligence, Computer Networks  
**Electronics** Digital Logic and Processors, Basic Electronic Circuits, Digital Signals Analysis and Application  
**Mathematics** Discrete Mathematics, Linear Algebra, Complex Analysis, Graph Theory

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## Position of Responsibility

**Felicity-2017** ●Part of the organizing team  
●*Kalakshetra*: 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.