Akshat Maheshwari

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Quora - Akshat-Maheshwari-15

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	Recieved 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	Implemented a 2D game similar in concept to Pacman Killer, and a 3D game similar to the Legend of Zenda game

Academic Skills

Languages	C, C++, Javascript, Bash, Python(Flask & Django Framework), Matlab(Basic),

Technologies	Ruby(Rails Framework), HTML5, CSS, Scheme(Racket), MIPS & BSV, MySQL, GNU/Linux, HTML/HTML5, OpenGL
Interests	Data Structures & Algorithms, Operating Systems, Machine Learning

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

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)

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.