

# Vivek Kaushal

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## EDUCATION

### IIIT HYDERABAD

**B.TECH AND MS BY RESEARCH**  
Computer Science and Engineering  
Expected graduation: 2021

### ST.MICHAEL'S HIGH SCHOOL

Grad: March 2016 | 96.75%

## LINKS

Github:// [kaushalvivek](#)  
LinkedIn:// [vivekkaushal1998](#)

## COURSEWORK

Structured System Analysis and Design  
Data Structures  
Operating Systems  
Mathematics  
Engineering Systems  
Artificial Intelligence

## POSITIONS

- Overall Head  
Entrepreneurship Cell, IIIT Hyderabad
- Member of Student Parliament,  
2016/17, 2017/18, IIIT Hyderabad
- Organiser | Megathon'16, '17
- Treasurer | Toastmasters' Club, IIIT-H

## SKILLS

### PROGRAMMING

Day To Day :  
Python • HTML/CSS • JS • MySQL  
Familiar :  
C • C++ • Java • C# • Shell •  
GoogleScript

### OTHER

Day To Day :  
Unity-3D • Django • Bootstrap • Jekyll •  
XML|JSON • jQuery  
Familiar :  
Rails • Vuforia • Node4J • AWS

### OPERATING SYSTEMS

Linux • OSX

### LANGUAGES:

English | Hindi

## RESEARCH PUBLICATIONS

### F.U.R. CONFERENCE, 2018 | UNIVERSITY OF YORK

January, 2018 - Sophomore Year

- First author in a paper on Financial Risk Taking and it's correlation with academic performance.
- Worked under **Dr.Kavita Vemuri** to develop a cross-platform application for collecting data and assessing financial risk in Indian students.

## EXPERIENCE

### T-HUB | MARKET RESEARCH ANALYST

Jan 2018 – Present | Hyderabad, India | [t-hub.co](#)

- Wrote research papers for in-house publications.
- Topics varied from cross-domain market opportunities to deconstruction of implemented strategies.

### WOWSOME | SOFTWARE DEVELOPMENT INTERN

Jan 2017 – April 2017 | Hyderabad, India | [wowso.me](#)

- Worked with Vuforia in Unity3D for development of production scale Augmented Reality Application.

### ENTREPRENEURSHIP CELL | OVERALL HEAD

Sept 2016 – Present | Hyderabad, India | [ecell.iiit.ac.in](#)

- Structured and curated a multi-tiered team of 30+ individuals.
- Started as the Head of Tech in 2016, promoted to overall Head in April 2018.
- Spearheaded one of the largest student-organised Hackathons in India.

## SELECTED PROJECTS

### SENTINEL

An AR Ticketing app in Unity3D with Vuforia integration and AWS backend.

### INTERACTIVE WALL

Augmented Reality based Advertising System based on Microsoft's Kinect.

### 72HOURS

A full-featured E-Commerce portal in Django.

### TERMINAL SHELL

A POSIX Architecture based shell in C, with syscalls.

### E-CELL WEBSITE

A full-fledged Django-based website,with Bootstrap UI design.

### 3D GAME IN OPENGL

A interactive 3D-World Game coded in native C using OpenGL.

### INTELLIGENT BOT

Python-based Ultimate Tic-Tac-Toe bot, Alpha-Beta pruning on decision trees.

### ALGORITHMS ARCHIVE

An online archive of well-documented algorithm implementations to help out new programmers.