



# Kanishk Rana

Undergraduate Student @ IIIT Delhi

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## Education

### Indraprastha Institute of Information Technology

2017 - Present

Bachelors in Computer Science and Applied Mathematics

CGPA: 8.1 (Current)

### SM Arya Public School

2016 - 2017

CBSE Board, Intermediate

Percentage: 93

### SM Arya Public School

2014 - 2015

CBSE Board, High School

CGPA: 9.8

## Work experience

### Contributing Writer

2018 - Present

[Feedough](#)

Writing SEO friendly articles on topics mainly aimed to help a startup entering the startup sphere get access to different aspects of the corporate world.

### Student Teacher

2018 - 2018

Adarsh Public School

Student Teacher for underprivileged children.

## Projects

### Snake vs Block Game

Java Project, Team Size: 2, Currently under development

Responsibility in the Project: Designing the layout of the game and UI enhancements. Also controlling animation in the game mode.

### Surveillance System for Detecting Unknown Person

Sept 2018 - Sept 2018

Python Project

Implemented a surveillance system for detecting unknown person using OpenCV library and uploading the unknown detection report with detailed information of Time, Date and Image to a website made using Flask, HTML, CSS and Javascript

### Automatic Bed for Changing Diapers (ABCD-399)

March 2018 - April 2018

Arduino Project, Team Size :4

Responsibility in the Project :Designing and construction of a non invasive bed for changing diapers ideal for old and sick people using MDF Sheets, Wooden Board and integration with sensors using Arduino.

## Smart Lamp

Feb 2018 - March 2018

Arduino Project, Team Size:4

Responsibility in the Project: Integrating sensors with the hardware using Arduino and making an app using MIT App Inventor

## AI Tic-Tac-Toe Strategy

Sept 2017 - Sept 2017

Python Project

Simulated a Tic-Tac-Toe game between a Naive vs Naive,Naive Player vs AI,AI vs AI and calculated the probability of winning of AI guided strategies.

## Skills

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Python



Java



HTML



CSS



Java Script



PHP



MySQL



NodeJS



Arduino Programming



Adobe Lightroom



LaTex



Shell Scripting



## Recognition

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Recognized and appreciated by the National Daily "Dainik Jagran" for the project ABCD-399



Publication

Declaration

The above information is correct to the best of my knowledge.

-Kanishk Rana