Kanishk Rana

Undergradute Student @ IIIT Delhi

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Education

Indraprastha Institute of Information Technology   2017 - Present

Bachelors in Computer Science and Applied Mathematics

CGPA: 7.71 (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   Sept 2018 - Present

Feedough

Primary Responsibility: 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

UAV Team   Aug 2018 - Present

IIIT Delhi

Primary Responsibility: Create missions for aerial vehicles using Ardu-Pilot and testing out the the vehicles with different goals

Webcast Team   Aug 2018 - Present

IIIT Delhi

Primary Responsibility: Record and live stream on YouTube institute seminars,lectures and conferences

Modular Teaching Assistant   Jan 2019 - April 2019

IIIT Delhi

Responsible for helping two of our beloved African students to understand the concepts of DSA better and do exceptionally well in the examination

Content Development   2018-12-1 - 2018-12-31

All in One CyberTeam

Contributed to the development of problem set for a CTF style competition

Student Teacher   May 2018 - July 2018

Adarsh Public School

Student Teacher for underprivileged children

Projects

Web Development and NLP
Jan 2018 - Present

Feedough

A website for feedough which would increase the brand's reach by providing startups with unique names.

Snake vs Block Game
Nov 2018 - Dec 2018

Java Project, Team Size: 2,Currently under development

Responsibility in the Project: Designing the layout of the game and UI enhancements. Implementation of game logic and controlling animation in 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

Python

Java

HTML

CSS

Java Script

PHP

MySQL

NodeJS

Arduino Programming

Adobe Lightroom

LaTex

Shell Scripting

Media Coverage

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