RAJAT KOTHARI

Course : **B.E. (Hons.)**, Electronics & Communication, 2019
Email : f20170444@hyderabad.bits-pilani.ac.in
Mobile : 7997000409
CGPA : 6.514

ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Dr M.K.K. Arya Model School	CBSE	93.6 %	2016
CLASS X	Dr M.K.K. Arya Model School	CBSE	95 %	2014

Subjects / Electives	Linear Algebra, Principles of Management, Human, Computer and Interaction, Data Structures and Algorithms, Probability and Statistics, Cryptography, Pattern recognition, Discrete Mathematics, Object Oriented Programming, Microprocessors and Interfacing, Digital Design, C Programming, Digital Image Processing
Technical Proficiency	Algorithms, Unity3D, C#, C Programming, Python3, Java, Discrete Mathematics, C++ Language

SUMMER INTERNSHIP / WORK EXPERIENCE

Intern, Finnacle Investment Academy   May 2019 - Jul 2019
o Worked on the *addition of quiz template on the existing website* of organisation.
o Addition of *Quiz Template* helped the organisation to conduct the quizzes online and also keep track of the performance of their students.
o Used *HTML, CSS, Javascript, Php, MySQL, Bootstrap* for execution of the project.

PROJECTS

Online food home delivery android application - Object Oriented Programming   Jan 2020 - May 2020
Project Features:
1. **Social Media sign up**
2. **Search by location** through **google map API**
3. **Pricing Scheme for regular and Occasional customers** on basis of food type and distance of delivery point
4. **SMS and E-mail notification** for booking confirmation

Space Explorers - HUMAN COMPUTER AND INTERACTION   Aug 2019 - Dec 2019
o I made a game **for small children** to make them understand the science behind the space exploration.
o I learned the **c# script building** in this project.
o I also learnt to work on **UNITY** as a part of my project.
o I got a **scholarship** at the end of semester for the project

Implementation and Crypt analysis of Mishra et-al scheme - Cryptography   Aug 2019 - Dec 2019
o I implemented the **symmetric cryptography technique** named **Mishra et-al scheme** which includes multi factor authentication protocol and then did the crypt analysis of the same.
o It was **full stack development project**.

To add a quiz template on the existing website - Information Technology   May 2019 - Jul 2019
o Worked on the *addition of quiz template on the existing website* of organisation.
o Addition of *Quiz Template* helped the organisation to conduct the quizzes online and also keep track of the performance of their students.
o Used *HTML, CSS, Javascript, Php, MySQL, Bootstrap* for completion of the project.

EXTRA CURRICULAR ACTIVITIES

Declamation
Participated in the **inter-school declamation contest** held on July 17,2013
Cricket,Table-tennis,Badminton,Volleyball,Basketball

AWARDS AND RECOGNITIONS

Highest scorer | Principal   Dec 2016
Secured the highest marks in Mathematics,Physics and Chemistry in class XII
Academic Excellence in class XI | Principal   Dec 2014
Award of excellence for achieving the **first position** in classXI

TEST SCORES

TEST NAME	DATE OF EXAM	SCORE
BITSAT	May 28, 2017	Score:322/450
Pre-Senior General Knowledge Test	Nov 30, 2011	Score:73/100

Secured 73% marks in Pre-Senior General Knowledge Test held by the United Schools Organisation Of India

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Pre-Senior General Knowledge Test	Nov 30, 2011	Score:73/100
Secured 73% marks in Pre-Senior General Knowledge Test held by the United Schools Organisation Of India		
Jee Mains	Apr 2, 2017	Score:168/360
Jee Advanced	May 22, 2017	Score:163/360

LANGUAGES KNOWN

English, Hindi