



Basic Information

Name: RAJAT KOTHARI .
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Discipline: B.E.(Hons.) Electronics & Communication
CGPA: 6.514
Date of Birth : 01 Sep 1999
PAN Card No: FPAPK6476L
Address: 150,First floor, New Sukhdev Nagar
Phone No.: 7997000409
Allotted Station :

Practice School-I Details

Name: Finnacle Investment Academy,Surat
Designation: Upgrading the existing website to include quiz template so that online quizzes can be taken by institute

Details Of On Campus Courses (Including electives) :

S.No Course Name	S.No Course Name	S.No Course Name
GENERAL BIOLOGY - BIO	CRYPTOGRAPHY - BITS	PATTERN RECOGNITION - BITS
GENERAL CHEMISTRY - CHEM	MICROPROC & INTERFACING - ECE	COMPUTER PROGRAMMING - CS
INFO THEORY & CODING - ECE	ELECTRICAL MACHINES - ECE	COMMUNICATION NETWORKS - ECE
DIGITAL IMAGE PROCESSING - EEE	ANALOG & DIGIT VLSI DES - EEE	DISCRETE MATHEMATICS - MATH
PRINCIPLES OF MANAGEMENT - MGTS	PROBABILITY & STATISTICS - MATH	SANKARA'S THOUGHTS - HSS
BIOLOGY LABORATORY - BIO	THERMODYNAMICS - BITS	HUMAN COMP INTERACTION - BITS
CHEMISTRY LABORATORY - CHEM	DIGITAL DESIGN - ECE	SIGNALS & SYSTEMS - ECE
EM FIELDS & MICRO ENGG - ECE	DIGITAL SIGNAL PROCESS - ECE	ANALOG ELECTRONICS - ECE
CONTROL SYSTEMS LABORATORY - EEE	SRIMAD BHAGAVAD GITA - HSS	MATHEMATICS II - MATH
PHYSICS LABORATORY - PHY	MATHEMATICS I - MATH	MATHEMATICS III - MATH
PRACTICE SCHOOL - BITS	TECHNICAL REPORT WRITING - BITS	ENGINEERING GRAPHICS - BITS
ENVIRONMENTAL STUDIES - BITS	DATA STRUCTURES & ALGO - CS	MICROELECTRONIC CIRCUITS - ECE
ELECTRONIC DEVICES - ECE	CONTROL SYSTEMS - ECE	ELECTRICAL SCIENCES - EEE
COMMUNICATION SYSTEMS - ECE	OBJECT ORIENTED PROG - CS	WORKSHOP PRACTICE - ME
SCIENCE TECH & MODERNITY - BITS	MECH OSCILLATIONS & WAVE - PHY	ELECTROMAGNETIC THEO - ECE

Software Skills:

Android Studio, React JS, Django, Java, Python, C++, C, Database Management, MS Office, Unity 3D, C#

Any Other Projects/Relevant Courses (formal/informal):

- Project: Online food home delivery android application
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
 - Project 2 : Space Explorers
Features: Made a game for small children to make them understand the science behind space exploration
 - Project 3 : Implementation and crypt analysis of multi factor authentication protocol
Features : 1. 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.
2. It was a full stack development project.
- Courses : Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Database Management, Image Processing and Pattern Recognition, Computer programming, Computer Architecture, Cryptography

Extra Curricular Activities:

1. Reading Books about theoretical and Quantum Physics, Philosophy and math
2. Was a part of cricket team for a small period of time
3. Playing Basketball, Badminton,
4. Listening to Music and Dancing

Professional Interest:

Algorithm Designing, Android Development, Web Development, Machine Learning, Artificial Intelligence, Operating Systems, Image processing

Objective In Pursuing PS-II in About 100 Words

1. To further enhance my coding and algorithm designing skills.
2. To learn the practical application of what I learnt in college in field of software developments.
3. To learn about the recent developments in field of Artificial Intelligence and Machine Learning.
4. To understand how actually the organization works and to learn the spirit of team work and understand how the different divisions combine to give the end product that customer expects.

Remark

