Kalpak Seal

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EDUCATION

RCC INSTITUTE OF INFORMATION TECHNOLOGY| MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY

B.Tech in Electronics and Communication Engg.

2011 - 2015 | Kolkata, India
DGPA: 8.75 | Percentage: 80.00%

ST. AUGUSTINE'S DAY SCHOOL

Indian School Certificate (ISC) | CISCE, New Delhi
Cum. Marks: 91.71% | Best of 4: 93.5%
Grad. May 2011 | Kolkata, India

Indian Certificate of Secondary Education(ICSE) | CISCE, New Delhi
Cum. Marks: 95% | Best of 5 : 96.2%
Grad. May 2009 | Kolkata, India

COURSEWORK

UNDERGRADUATE

Analog and Digital Electronics
Microprocessors and Microcontrollers
Digital Image Processing
Analog,Digital and Wireless Communication
Programming and Data Structures in C and C++
Object oriented Programming in Java
Database Management System

SKILLS

PROGRAMMING

Proficient
Java • C • C++ • Python • Unix
Familiar
• SQL • Visual Basic 6 • HTML& CSS
Softwares Known
Xilinx •MATLAB •Visual Studio •EclipseIDE

AWARDS

- 'Best Debator - FOR' at RCCIIT on Engineer's Day,2014.
- Won the **Robotics** Competition at **Techtrix, RCCIIT**,'14 & '15.
- Runners-up at the **Robotics** Competition at **SREY '13, STCET**.
- 3rd in **Debate** at **SREY '13, STCET**.
- Finalist at **VOXPOP**, National Debate at JU.
- **Amul Vidyashree Award** for outstanding result in ICSE.

EXPERIENCE

INFOSYS | Systems Engineer, Eng. Services

December 2015 – Present | Bangalore, India

- Computer Networking engineer, worked as a developer on **Secure Syslog over SSH tunnel through remote port forwarding**. Along with it, also developed the Banner that gets displayed from the EDM and boot up of the switch. Partial knowledge in the other modules including IKE, IPSec, Digital Certificates etc.
- Developed an automation script to **analyze logfiles** using **Python**.

INFOSYS | Systems Engineer Trainee

July 2015 - December 2015 | Mysore, India

- Completed the **Infosys Learning Program** with **86%** in the Engineering Networks track.
- The training was divided into two broad part namely Generic and Stream and had a coursework featuring **Python, SQL, C++, Linux, Data Communication, VoIP, Computer Networking, Software Engineering and Operating Systems.**
- Ranked **3rd** in my track from a batch of 80.

PROJECTS

VARIABLE ENERGY CYLCOTRON CENTRE

Engineering Project

Aug 2014 – July 2015 | Kolkata,India

Design and Development of RFID Reader Module under Monirul Purkait and Subhabrata Mazumder for Library Management.
The project involved designing the **PCB using CIRCAD having TRF7970A and ATMEGA32** as the main IC. The protocol used was **ISO15693** through which we were able to implement the **Anti-Collision** algorithm enabling us to read upto 5 tags simultaneously.
The **GUI** for the total system was written in **Visual Basic 6**. The project awaits its final testing and promises to be implemented in all the departments of **DAE** across India.

RCCIIT | Final Year Project

August 2014 – May 2015 | Kolkata, India

Monitoring the Human Eye using Clustering Technique under Soham Sarkar.
The report can be found here and the presentation here. The project was critically appreciated and was given the highest grade.