Satyam Kumar

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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, KALYANI

B.TECH IN COMPUTER SCIENCE AND ENGINEERING
Expected June, 2021 | Kalyani, IN
Cum. GPA: 9.4

THE PENTECOSTAL ASSEMBLY SCHOOL

Bokaro Steel City, IN
STD. 12TH
Passed : 2017 | 94.6
STD. 10TH
Passed : 2015 | CGPA : 10

LINKS

GitHub:// **satyamtg**
GitLab:// **satyamtg**
LinkedIn:// **satyamtg**
Twitter:// **@satyamtg**
Facebook:// **satyamtg**
XDA://**@satyamtg**

COURSEWORK

UNDERGRADUATE

Programming in C/Python
Computer Organization and Architecture
Data Structures and Algorithms
Operating Systems
Probability, Statistics & Discrete Mathematics
Machine Learning

HIGH SCHOOL

Object Oriented Programming in C++
Computer Networking
Database Management

SKILLS

PROGRAMMING

Over 5000 lines:
C++ • JavaScript • Python • CSS
Shell • HTML
Over 1000 lines:
C • Arduino • PHP • Assembly • Java • Android
Familiar:
iOS • LaTeX • MySQL

CERTIFICATIONS

NPTEL | CLOUD COMPUTING

September 2018 | IIT Kharagpur
- Landed up in "ELITE" out of 1882 passing the course

NPTEL | INTRODUCTION TO INTERNET OF THINGS

August 2018 | IIT Kharagpur
- Landed up in "ELITE" out of 3776 passing the course

NPTEL | PROGRAMMING, DATA STRUCTURES AND ALGORITHMS USING C

August 2018 | IIT Ropar
- Landed up in "ELITE" out of 2083 passing the course

PROJECTS

SMART SHOPPING SYSTEM | AN AUTONOMOUS SHOPPING SYSTEM WITH THEFT DETECTION

Oct 2018 | GitHub Project URL
A shopping system similar to Amazon Go at a very cheap price. This project won "Most Innovative Hardware Hack" award at HACKABIT 2018, a national level hackathon organized by BIT Mesra, Ranchi.

FOSC WEBSITE | WEBSITE OF IIIT, KALYANI FREE AND OPEN SOURCE CLUB

May 2018 | GitHub Project URL

AUTOHOME | CONTROLLING HOME CIRCUITERY THROUGH ARDUINO AND A WEB INTERFACE

Nov 2016 | GitHub Project URL
A simple and cheap way to automate home electronics using Arduino and a clean interface.

OTHER PROJECTS

• Element-Tiles - A rEFInd bootloader theme with support for Vector graphics and TTF/OTF fonts. • OMNIBot (A simple line follower robot) • PaperVault (A website to serve question papers which uses only client side scripting) • The current website of IIIT Kalyani

AWARDS

2018	National	"Most Innovative Hardware Hack" in HACKABIT 2018
2017	National	2nd rank in SOF National Cyber Olympiad (NCO) in India
2016	Zonal	2nd rank in finals of SOF National Cyber Olympiad in Jharkhand

POSITIONS OF RESPONSIBILITY

• Member of the Technical Club of IIIT, Kalyani • Leader of IIIT, Kalyani Web Team • Founding member of IIIT, Kalyani Free and Open Source Club

INTERESTS

• Machine Learning • IoT • AI • Blockchain • Game Design • Deep Learning and Neural Networks