

Manvi Jha

B-TECH · ELECTRONICS AND COMMUNICATION ENGINEERING

National Institute Of Technology Patna, Bihar

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EDUCATION

National Institute Of Technology patna

Patna, Bihar

B-TECH ELECTRONICS AND COMMUNICATION ENGINEERING

2019 - present

- CGPA - 8.76

Park Mount public School

Patna, Bihar

HIGHER SECONDARY SCHOOL

2016 - 2018

- Percentage - 93%

Notre Dame Academy Patna

Patna, Bihar

SENIOR SECONDARY SCHOOL

2016

- CGPA - 9.80

SKILLS

Software Skills

Python, C/C++, MySQL, ShellScript, MatLab

CSS/HTML, ReactJs, AngularJs, WordPress, C#

IoT, Xamarin, Git/GitHub, Hadoop, MS Office

HARDWARE SKILLS

Arduino Uno, Node MCU(Esp8266), Raspberry pi

PROJECTS

SOFTWARE BASED PROJECTS

A Game of TicTacToe

August 2020

A GAME OF CIRCLES AND CROSS

C++

- 🌐 www.github.com/Severus-Matthew/A-game-of-Tic-Tac-Toe

An Optimal solution with minimum time complexity

- A 2-Player game

A Game of Stone Paper Scissor

August 2020

A GAME OF RANDOM PROBABILITY

C++

- 🌐 www.github.com/Severus-Matthew/Stone-Paper-Scissor-Game

An Optimal solution with minimum time complexity

- A 2-Player And Play-with-Computer game
- to prevent cheats the entry of each player is coded

Hackerrank Solutions

July 2020-Present

SOLUTION OF HACKERRANK PROBLEMS ON C, C++ AND MYSQL

C++, C, MySQL

- 🌐 www.github.com/Severus-Matthew/Github-C-Language-Solutions
- 🌐 www.github.com/Severus-Matthew/GitHub-Cpp-Hackerrank-Solution
- 🌐 www.github.com/Severus-Matthew/Hackerrank-solutions-SQL

ML Based Heart Failure Predictor

July 2020

BASIC MACHINE LEARNING PROJECT

Python

- 🌐 www.github.com/Severus-Matthew/ML-Heart-Failure-prediction-using-Classification

Predicts heart failure chances based on present parameters Accuracy - 93.4% ; Dataset-300+

Star red-shift analysis

September 2020

A RESEARCH BASED PROJECT

MatLab

- 🌐 www.github.com/Severus-Matthew/MATLAB_ReadShift_Analysis

An analysis of red-shift of stars for 7 different stars. Dataset- 350+ entries

HARDWARE BASED PROJECTS

Medicine Automation System

March 2020 – August 2020

IoT, Web, Android

A RESEARCH HARDWARE AND SOFTWARE PROJECT FOR HACKSAGON 2020

- The Project aims to reduce Medical Non-adherence
- Has both Web and Android app interface

Home Automation System

Jan 2020 – Feb 2020

A HARDWARE AND SOFTWARE PROJECT FOR SENSOR TENSOR 2020

IoT

- Uses Blynk interface with email and notification alert

INTERNSHIPS

July-Aug 2020 **Front-End Web-Developer**, Satendra Nath Bose Technologies

LEADERSHIP POSITIONS of RESPONSIBILITY

Sept 2020- Present	Hardware Department Lead , DSC NITP
Aug 2020-Present	Beta Microsoft Learn Student Ambassador , Microsoft Learn
Jan 2020- Present	Student Coordinator , Alumni Cell NITP
Jan- Sept 2020	Team Leader , Hacksagon 2020
Jan 2020	Team Leader , Sensor Tensor 2020
Oct 2019- Present	Web Team Member , IEEE SB NITP
Oct 2019- Present	Student Member , IEEE

AWARDS & ACHIEVEMENTS

2020

Hacksagon 2020- Secured 8th position among 400+ participating teams

Tech-Talks on IoT- secured 1st Position

Coding Ninjas Contest - 1st rank

Sensor Tensor(Hardware Hackathon)- 2nd Position

Certificate of Achievement from IIRS ISRO for Remote sensing course.

National Engineering Olympiad - Qualified for final round

2019

College level Web Development Contest- 1st Position

Three times winner at College Level Debate

2018 & PREVIOUS

Certificate Of achievement from NASA for Systems Engineering Course

National level Mathematics Olympiad - Gold Medal

PRESENTATIONS & TALKS

Oct 2020. *Open Source Revealed*. Speaker at Event by Hackslash Developer Club NITP.

Sept 2020. *Introduction to Git & GitHub*. Speaker & Organiser, as Microsoft learn Student Ambassador

July 2020. *Tech talks IoT*.

AREAS OF INTEREST

CURRICULAR

Machine Learning, IoT, Quantum Computing, Big Data, Artificial Intelligence, Image Processing, Web Development