

Priyanka Soni

UG,3rd year,B.Tech(ECE)(20185053),Female,DoB:15th July 1999,Bokaro Steel City-Jharkhand-India
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EDUCATION

MNNIT ALLAHABAD B.Tech in Electronics and Communication Engineering
2018-2022 | GPA:8.11/10
Prayagraj,India
CS Courses •Data Structures
•Algorithms •Operating System •Object Oriented Programming
EC Courses •Mathematics (I,II,III)
•Physics (I,II) •Scientific Computing
•Network Theory •Control System
•Signal&System •Analog Electronics (I,II,III) •Digital Electronics
•Microprocessor-8085
•Communication Systems (I,II)
•Electromagnetic & Antenna Theory
•VLSI Technology
Languages•Verilog HDL •Assembly Language •C language
Tools •Xilinx ISE •LTspice •Proteus
•Matlab •GNU-Sim 8085 •MS Office
•Code:Blocks

AISSCE,CBSE DAV Public School
2017|Percentage: 94%
Bokaro Steel City, Sector-4
•Mathematics •Physics •Chemistry
•English Core •P.Ed. •Painting

AISSE,CBSE BISS 8/B
2015|CGPA:9.4/10(89.3%)
Bokaro Steel City, Sector-8
•Mathematics •Science •Social Science
•English Core •Hindi •Problem Solving

SKILL SUMMARY

LANGUAGES

• C/C++ (Proficient) • Python (Basics)
• SQL (Intermediate) • NoSQL (Basics)

DEVELOPMENT

Web Development

Frontend •HTML •CSS •Bootstrap
•SASS* •JavaScript (React)*

Backend •JavaScript-npm (Nodejs, Expressjs)

Databases •MySQL •MongoDB*

DevOps •Git/Github •VS Code

•Postman •Windows •LaTeX

Machine Learning

Algorithms •Regression •Classification
•Clustering

Deep Learning •Neural Network* - CNN

Used Libraries •Numpy •Pandas

•Matplotlib •Scikit-learn •Tensorflow

DevOps •PyCharm •Jupyter Notebook

•Kaggle •Google Collab

SOFT SKILLS & HOBBIES

•Learner •Flexible •Multi-Tasking
•Writing •Reading •Painting & Sketching

* :- Basics

INTERNSHIP

SIEMENS INDIA Link|summer project intern|June,2020-Sep,2020|group of 7|Mentor:Deepak Singh|Theme of Project:Automation in Hospital Systems

- It is solution for Hospitals in which we tried to minimize human contact to avoid the spread of COVID-19 virus in approx. cost of 6500-7000 rupees through Automation using Sensors and Microcontrollers (Arduino, 20 pin AT89C2051), Web Application for Online Appointment & OCR for Offline Registration.

PROJECTS

TAG FINDER Link

- It is Web App built using Convolution Neural Network (CNN), Fashion MNIST greyscale Image Dataset & python libraries like Tensorflow, Keras, Flask, Numpy, Matplotlib which Predicts Fashion tag for Provided Image.
- Use Case: To Search products with the help of image on any Fashion e-commerce site.

BOOK CENTRE Link

- An Online platform for retailers and customers to sell and buy books respectively built using Reactjs, Bootstrap, CSS, HTML, Nodejs & MongoDB.
- Features: Role based access and email alert for admin and users, Cart and Online Payments, Supply-Chain Management, etc.

HEART DISEASE PREDICTION Link

- A Model Built Using Kaggle Dataset & Machine Learning Classification Algorithms such as Logistics Regression,K-NN, Naive Bayes, SVM, Decision Tree & Random forest which Predicts chances of heart disease in a person.
- Conclusion:K-NN & Random forest gives highest accuracy of 88.52% out of all algorithms used.

HONOUR & EXTRA-CURRICULAR

PROGRAMMING 2019-2021

- Hackerrank - 3 stars, 5 stars & 4 stars in DSA, C++ & C respectively. Link
- Codechef - Contest rating:1360, Feb. Starters'21-Global Rank:4400 Link
- Codeforces - Contest rating:736 Link
- AtCoder - Contest rating: 16 Link
- Leetcode - Contest pt:1394 Link
- Hackerearth - DSA Contest Rank:142, Feb Easy'21 Rank:262 Link

HACKFEST 2018-2020

- Appreciation from Synopsys for "Inno Champ Contest" - 2020.
- Participated and Ranked 39 in Quintathlon event - Avishkar'2k20.
- Participated and Built 4-Bit ALU using Verilog in FPGA event - Avishkar'19.
- Participated and Built Tourist Guide Web App in Webster event - Avishkar'18.

SCHOLARSHIP, TEST-SCORE & SPORTS 2018-2020

- Scholarship for 4 Years By SIEMENS INDIA - 2018.
- Perks: Mechatronics and PLC (Siemens TIA Portal) - SITRAIN Certified, Soft Skill Training Under Growth Centre Pvt Ltd. & RIPE Global Pvt Ltd., Financial Support and Career Counselling by Smile Foundation & Siemens.
- Scored more than 75% in TCS NQT - 2020.
- Scored 16293 AIR in JEE-Mains over 11 lakhs aspirants - 2018.
- Scored 320 out of 450 in BITSAT - 2018.
- Gold Medal in Volleyball on College Sports Day(Josh) - 2019.

SCHOLASTIC 2017

- Excellence Award for Good Performance in AISSCE in Bokaro by Jagran - 2017.
- 2nd Rank Holder at School Level & Scored 100% in "Painting" in AISSCE - 2017.
- Academics Excellence Award in 11th standard - 2016.
- 2nd Rank Holder at School Level in AISSE - 2015.
- Head Girl and House Caption for 2 years in DAV Public School - 2015 - 2017.
- House Caption(Rajendra house) for 2 years in BISS 8/B - 2013 - 2015.