Braj Kishor

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Indian Institute of
Information Technology, Nagpur

EDUCATION

Indian Institute of Information Technology, Nagpur *2016 - 2020**
B.Tech in Computer Science and Engineering

M.R.D.I.M. College Meghoul, Begusarai *2013-2015*
Senior Secondary (BSEB); (76.8%)

St. Joseph Public School Begusarai *2009-2013*
Secondary (CBSE); GPA: (9.8/10))

INTERNSHIPS

Software Developer Intern - The Solar Labs 15 May 2019 - Present

As a part of the Software Engineering Team, Working on Shading Engine Algorithm.

Summer Research Internship - IIT Guwahati May 2018 - July 2018

Implemented the Random Walk Algorithm to find out node voltage and current for DC & transient circuit in power grid having million number of nodes.Developed a code from scratch in C++.

PUBLICATIONS

A Study on Relation between Mathematics and Music **Cambridge Publishing**

This report is mainly based on how different mathematical aspects are being used in musical theory and how music has helped in the development of mathematics. How the musicians developed mathematical concepts and vice versa. Historical relations between math and music and enhancement of math from music has been described. Various concepts of math, like Fibonacci series, Harmonics and Logarithmic series etc., are used in music, but this report focuses mainly on Harmonics.

PROJECTS/ACTIVITIES

Loan Approval Prediction : Loan prediction was calculated for the customers based on the Gender, Marital Status, Education, Number of Dependents, Income, Loan Amount, Credit History and others who are eligible for loan amount to be sanctioned. It was implemented in R and Python.

Heart Disease Prediction Using Logistic Regression : The heart disease is increasing day by day due to the modern lifestyle and food. The diagnosis of heart disease is a challenging task. In this project I have predicted that whether the patient has heart disease or not based on various conditions/symptoms of their body.

Magic Matrix Checker : The Objective of the project was to check whether the given matrix is a Magic Square Matrix or not. The GUI portion has been Implemented with the help of HTML & CSS. And the logic has been developed in javascript.

Library-Rec : A student record data management system implemented using linked lists as well as arrays and file handling for storing data in C. Different functions like getting top most author, Most Popular author in the list of records, finding kth popular book based on which author has maximum number of copies issues, finding failures, finding topper, etc. are also provided.

Library Managements System : It includes user interface for both Admin and Students for surfing out books in the library. It works on local server. It has features likes requesting book from anywhere, Searching top trending books, No of book lefts etc. It is adopted by IIIT NAGPUR central library.

TECHNICAL SKILLS

Programming Languages: C, CUDA, Python, R, & MySQL.
Tools and Frameworks: Numpy, Pandas, Matplotlib & Tableau.
Web Development: HTML, CSS, Basic JavaSricpt
Platform: Linux, Windows.

KEY STRENGTHS

- Flexible, Dedicated and Hardworking.
- Adaptable to any Environmental Situation.
- Quick learner and ability to adopt quickly.

ACHIEVEMENTS AND AWARDS

- Named in the merit list of top 1% Students of Inter Science Exam 2015 for Inspire-Scholorship.
- Won first prize in quiz in Institute Gathering 2017 at IIIT Nagpur.
- Having 2 years of experience in teaching Chemistry for JEE Mains.

CO/EXTRA CURRICULAR ACTIVITIES

- Sports Secretary at IIIT Nagpur.
- Volunteered as Coordinator of IEEE conference held in college.
- Actively participated in organization of many events held at college as a technical council member.

HOBBIES

Playing badminton, Teaching, Cooking, Travelling and Watching documentaries.

LINKS

Website here

Github here

Linkedin