JYOTIRMOI BISWAKARMA

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Hakimpara

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Masters graduate in Computational Science with skills in programming languages such as C, Python, and Java, as well as data analysis. Experienced in developing predictive models and analyzing customer feedback. Passionate about staying up-to-date with the latest trends and technologies in the field. Team player who enjoys collaborating to solve problems.

EDUCATION

Post Graduation

Banaras Hindu University,   Present

M.Sc. Computational Science and Applications

Dissertation: "Software Defects" Link: https://rb.gy/zkubu

Advisor: Dr. Manjari Gupta

Graduation

North Bengal University ,   August 2021

Bachelor of Computer Applications (BCA)

Project: "Weather Web app"

Advisor: Deepak Kumar Sarkar

12TH

Silapathar Science College Jr. (AHSEC)   May 2018

 Class 12

10TH

Borbam High School. (SEBA)   June 2015

 Class 10

WORKS

Software Defects (Phase 1)

Structuring Raw Data and Preprocessing data

Resolve class imbalance problem using validation, Shuffle Split, SMOTE, SMOTE Validation, SMOTE Shuffle Split, Stratified, Stratified K-fold.

Performing Machine Learning Algorithms such as Logistics Regression, Support Vector Machine, Decision Tree Algorithm, Random Forest, Bagging.

Software Defects (Phase 2)

Implementing genetic and coral reefs metaheuristics with back-propagation.

COMPUTER SKILLS

Programming: C, Java, Python, HTML, CSS, R

Applications: MS office, Netbeans, Advanced Computer Skills

Platforms: Collab, RStudio

LANGUAGES

English: Advanced Listener, Fluent Speaker, Advanced Reading and Writing

Hindi: Native Language, Fluent Speaker, Advanced Reading, Moderate Writing

Bengali: Advanced Listener, Intermediate Speaker, Novice Reading and Writing

Nepali: Native Language, Fluent Speaker, Advanced Reading, Moderate Writing

Assamese: Native Language, Fluent Speaker, Advanced Reading, Moderate Writing

REFERENCES

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