Amit Singh

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Education

NIT JAMSHEDPUR	**Aug. 2022 – June 2025**
Master of Computer Application (8.22 CGPA)	*Jamshedpur, Jharkhand*

Govt. Holkar Science College	**July 2018 – June 2021**
Bachelor of Science (BSc) (76.42 %)	*Indore ,MP*

St. Mary's higher secondary school	**July 2017 – June 2018**
Intermediate(12th std) (85.4%)	*rewa, MP*

St. Mary's higher secondary school	**July 2015 – June 2016**
High School(10th std) (85.33%)	*rewa, MP*

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Database Management
- Artificial Intelligence
- Operating System
- Machine Learning
- Computer Architecture
- Computer Networks

Projects

Predicting similarity between pairs of questions | *Python, NumPy, Pandas,Scikit-Learn* — **DEC 2023**
- This model has been trained on a dataset comprising over 30,000 rows, sourced from a Kaggle competition.
- Conducted dataset analysis and model training using Jupyter Notebook.
- Attained a maximum accuracy of 7.9 utilizing a Random Forest machine learning model."

Haberman Cancer Data Analysis | *Python, Matplotlib, Seaborn, Pandas, NumPy* — **AUG 2023**
- Tried to identify the conditions leading to survival and non-survival after surgery.
- Conducted univariate analysis with PDFs, CDFs, boxplots, and violin plots.
- Utilized scatter and pair plots for bivariate analysis..

Pseudo code convertor | *C++,VS code* — **November 2022**
- Created an C++ code file to accept pseudo code and convert it into actual cpp program.
- OOPs concepts have been implemented using C++ in this project."
- Honing strategic skills and managing the code file.

Technical Skills

Languages: C++, Python, Java, C, SQL
Developer Tools: VS Code, IntelliJ, Google Colaboratory, Jupyter Notebook , Anaconda
Technologies/Frameworks: Git, GitHub

Leadership / Extracurricular

- Achieved **Gold medal** in Hockey In Urja (Annual sport of NIT Jamshedpur),And Showcasing teamwork and sportsmanship on the court.
- Managed content creation using video editing skills for SCA's event series.
- Initiated and led two impactful cleaning drives as a dedicated member of the Go Green Club.

ACHIEVEMENTS

- **Codeforces** : 295+ Questions with a Max Contest Rating of 917*.
- **LEETCODE** : 150+ questions solved, showcasing strong problem-solving skills and algorithmic proficiency.
- Participated in CodeVita competition organized by TCS, achieving a global rank of 732.

Experience

Content Creation	**Oct. 2022 – Present**
Go Green Club	*NIT Jamshedpur*