

# Madhusudan Chand

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[GitHub Profile](#)  
[LinkedIn Profile](#)

Roll No.: 10271023013  
Master of Computer Application  
Data Analytics Enthusiastic

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## Education

**Master of Computer Application**  
Kalyani Government Engineering College

2023-Present

**B.Sc(Hons) - Computer Science**  
Visvabharati University  
CGPA: 7.88

2020-23

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## Personal Projects

- **A project on Predicting Wine Quality Using Random Forest Classifier: Analyzing the Impact of Volatile Acidity and Citric Acid with Accuracy vs. Number of Decision Trees.**  
*The model is trained and evaluated with Scikit-learn, achieving high accuracy.*
  - A practical prediction system and an analysis of how the number of decision trees affects model accuracy.
  - **GitHub:** [WineQualityPrediction](#)
  - **Technology Used:** Random Forest, Machine Learning, Seaborn, Matplotlib, Correlation Analysis, Feature Engineering, Model Training
- **Age and Income Segmentation using KMeans Clustering**
  - Provide valuable insights into demographic patterns and socioeconomic characteristics within the population, facilitating targeted marketing strategies, resource allocation, or other data-driven decision-making processes
  - **GitHub:** [AgeIncomeSegment](#)
  - **Technology Used:** Machine Learning, k-means clustering, Data Visualization, Python (Programming Language)

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## Experience

**Java Internship**  
InternshipStudio

May - June 2024  
*Online*

**Participated Workshop on**  
**Getting Started with Computing Education Research**  
NPTEL+

23rd May - 25th May 2024  
*Online*

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## Technical Skills and Interests

**Languages:**  
C/C++, Python, Java, HTML+CSS ,JavaScript  
**Libraries:**  
Matplotlib , seaborn , pandas , numpy , sklearn  
**Web Dev Tools:**  
VScode, Git, Github  
**Frameworks:**  
Flask  
**Cloud/Databases:**

Relational Database (MySQL) , PL/SQL  
**Relevant Coursework:**  
Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering  
**Areas of Interest:**  
Data Analytics , Data Science  
**Soft Skills:**  
Problem Solving, Self-learning, Presentation