Roshni De

Reg. No.: 21DTMA012
Dual-Degree (B.Tech-M.Tech)
Computational Mathematics
National Institute Of Technology, Agartala

📞 +91-6009519041
✉ roshnide2019@gmail.com
⌂ roshni-04.github.io
🔗 LinkedIn: roshni-de-732557230

EDUCATION

• **National Institute of Technology, Agartala** — *2021-Present*
(B.Tech-M.Tech) Computational Mathematics — (CGPA : 8.73)

• **Hindi Higher Secondary School** — *2019-2021*
Higher Secondary: CBSE — (90.8 Percentage)

• **Holy Cross School** — *2007-2019*
Secondary: ICSE — (94.8 Percentage)

EXPERIENCE

• **Fresher**

PERSONAL PROJECTS

– **Exposys Data Labs** — *2022(Nov-Dec)*
Project description: To prepare an ML model that can predict a company's profit value.

  * Tools & technologies used: Python (Use of libraries like Seaborn, Matplotlib etc, ML(Beginner)
  * Description: The target is to prepare an ML model which can predict the profit value of a company if the value of its R&D Spend, Administration Cost and Marketing spending are given.

– **Personal Portfolio Website**
Project description: A personal portfolio created using only HTML, CSS and JavaScript. It has been uploaded on GitHub.

  * Tools & technologies used: HTML, CSS, JavaScript
  *

– **A Library Management System in C**
Project description: Building a Library Management System using File Handling in C

  * Tools & technologies used: C

TECHNICAL SKILLS AND INTERESTS

Languages: C, Python, C++*, HTML5, CSS ,JavaScript*
Developer Tools and IDE used: Visual Studio Code, Dev-C++, Spyder
Soft Skills: Problem Solving, Interpersonal Communication, Time management
Coursework: Data Structure and Algorithm(Theory and Lab), C, Python, C++, Computer Organization and Architecture, Probability and Statistics, LPP and Game Theory, Discrete Mathematics and Fuzzy Set Theory, Numerical Analysis, Introduction to Algebra, Differential Equations.
Areas of Interest: AI and ML enthusiast
(* : Beginner or intermediate efficiency)

KEY COURSES TAKEN

Computer Science: Data Structure and Algorithm, C, Python, C++, Computer Organization
Mathematics: Probability and Statistics, LPP and Game Theory, Discrete Mathematics, Numerical Analysis, Algebra

POSITIONS OF RESPONSIBILITY

– **Position:** Core member of NITA Fiction Club (NLC) — *2022-Present*
– **Position:** Financial Head of Physicus * — *2023-Present*
  (*The club has been created lately)

ACHIEVEMENTS

– **RMO (Regional Mathematical Olympiad)** Achieved 26th position and was eligible for INMO (Indian National Mathematical Olympiad)
– **IMO (International Mathematics Olympiad)** Secured 3rd Position
– **CodeChef(Newbie)** Highest Rating: 1141