

TANMOY DEBNATH

Eighth Semester Engineering Student
Department of Information Science and Engineering
The National Institute of Engineering, Mysore

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EDUCATION

Year	Degree/Certificate	Institute	CGPA/Percentage
2020	B.E.	The National Institute of Engineering, Mysore	8.21/10.0
2016	AISSCE, XII (CBSE)	Ramakrishna Mission Vidyalaya, Agartala	86.20%
2014	AISSE, X (CBSE)	Ramakrishna Mission Vidyalaya, Agartala	9.6/10

WORK EXPERIENCE

- **Entelika Consultation & IT Services, Mysore** *June '19-July '19*
Actively contributed ideas regarding the structure of HPC tool. Designed and implemented multiple screens for Porocels Official Website.

PROJECTS

- **NIEKaAdda** *During 4th Semester of the course*
Campus venture for college E-cell
 - NIEKaAdda is a web based platform that was developed by me and was launched as a campus venture by the college E-cell. The website is based on student reviews and provides other students with best in class information about various places in and around the college such as restaurants, hospitals, malls, bookshops and other essentials.
- **Customer Segmentation using Machine Learning** *During 7th semester of the course*
 - Identification of customers based on their choices and other behaviors is an important strategy in any organization. This identification may help in approaching customers with specific offers and products. I have used hierarchical clustering to solve this problem in this project.
- **Analysing review comments using NLP** *During Philips Internship*
 - The main objective of this project was to analyse the review comments that were given to the team. As a solution I used the concepts of NLP to come up with the most frequent review comments.

COMPUTER SKILLS

Languages: C, C++, Python
Other Tools/Languages: HTML, CSS, Flask, Streamlit, SQL
Subjects of Interest: Data analysis, Machine Learning, Neural Networks, Natural Language Processing.

POSITIONS OF RESPONSIBILITY

- **Marketing Head at ONYX (E-cell of NIE)** *August '18-July '19*
Devised a marketing strategy which increased the number of student registrations by 90%. Designed a website, led a team of 5 and campaigned aggressively for E-week and other major events organized by Onyx.
- **Cultural Core member at TECHNIEKS (Annual techno cultural fest of NIE, Mysore)** *March '18*
Organized various cultural events like the war of bands, solo singing competition, solo dance and group dance competition.

ACHIEVEMENTS

- Represented NIE at **national level B-Plan competition called B-GYAAN** and secured **2nd position** among 50 teams.
- Represented NIE at **IIT Bombay E-Summit 2018**.
- College level football player. Played **A-Division club football** and represented NIE at **VTU football tournament**.
- Founder and guitarist of **SWAYAM(The Music Club of NIE, Mysore)**.
- Got featured in **NIE magazine** for **extracurricular achievements**.

HOBBIES

- Composing songs on guitar
- Playing football and cricket
- Cooking
- Travelling