

Tamoghno Kandar

MECHANICAL ENGINEERING · BACHELOR OF TECHNOLOGY · IIT BOMBAY

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Education

Indian Institute of Technology Bombay

B.TECH IN MECHANICAL ENGINEERING, CGPA: 8.91/10.0

Mumbai, India

2019-present

Swami Vivekanand Junior College of Science

HIGH SCHOOL CERTIFICATION, PERCENTAGE: 89.9/100.0

Mumbai, India

2019

Atomic Energy Central School-4

SECONDARY SCHOOL CERTIFICATION, CGPA: 10.0/10.0

Mumbai, India

2017

Projects

Competitive Coding

SUMMER OF CODE

IIT Bombay

May 2020

- Implemented standard algorithms covering topics like DP, Graphs and participated in various online competitions in online judges like Codechef, Codeforces etc.

Neural Networks and Deep Learning

SUMMER OF SCIENCE

IIT Bombay

May 2020

- Learnt in-depth about topics like regression, classification, regularization and backpropagation.
- Explored neural networks and learnt about different activation functions like ReLU, gradient clipping and adaptive learning algorithms like Adam, RMSProp, Momentum and Adam.
- Learnt about Convolutional Neural Networks (CNN) and YOLO algorithm and also applied the knowledge gained in projects like Object Detection (Using YOLO), Face recognition and Neural Style Transfer using Tensorflow.

Skills

Programming C++, Python, MATLAB

Web HTML, CSS

Softwares AutoCAD, SolidWorks, LaTeX, Git

Languages English, Hindi, Bengali, Marathi

Machine Learning Numpy, Pandas, Tensorflow, Keras, Matplotlib

Scholastic Achievements

- Secured All India Rank 61 in Kishore Vaigyanik Protsahan Yojana (KVPY) SA stream and awarded fellowship by the Indian Institute of Science (IISc), Department of Science and Technology, Government of India. 2018
- Secured All India Rank 642 in JEE Advanced. 2019
- Secured All India Rank 561 in JEE Mains. 2019
- Among the top 35 students to qualify for the Orientation-cum-Selection-Camp leading to participation in the International Junior Science Olympiad. 2017

Positions of Responsibility

Marketing Coordinator

MOOD INDIGO

Mumbai, India

May 2020-present

- Working under the Marketing Heads of Mood Indigo towards achieving the fest's budget.
- Pitching and negotiating sponsorship deals with multiple companies. Ideating upon and executing brand integrations during festival across varied locations in the entire institute.
- Working with brands belonging to a multitude of sectors like Mobile, Food and Beverages, Travel and Public Sector Undertakings.

Web Coordinator

TECHFEST

Mumbai, India

May 2020-present

- Working under the web head for making and designing the official Techfest website.

Extracurricular Activities and Hobbies

- Received Second prize in RC Plane Competition conducted by Aeromodelling Club IITB.
- 1st DAN black belt holder in karate(Shito Ryu style).
- Playing lawn tennis for 10 years.
- Level 10 in Abacus.