Tanmoy Munshi

Electronics and Communication Engineer

tanmoymunshi1999@gmail.com
+91 7687839372
3C Manjuri Apartment, Badamtala, Palta
Kolkata, India, PIN 743122
linkedin.com/in/tanmoymunshi
github.com/tanmoy1999

EDUCATION

B.Tech (Electronics and Communication Engineering) *06/2017 – 06/2021*
Narula Institute of Technology, Kolkata
06/2017 – 06/2021 *Cumulative GPA: 8.24/10*

Kendriya Vidyalaya Barrackpore Air Force Station *04/2010 – 05/2017*
10th Standard, CBSE *Percentage: 8.2 CGPA*
12th Standard, CBSE *Percentage: 72.8 %*

INTERNSHIPS

Member of HBR Ascend Select
Harvard Business Review (Volunteer)
07/2020 – Present

Project Manager Intern
Solve Foundation - Intellify
05/2020 – 06/2020

Summer Intern
Hindustan Aeronautics Limited, Barrackpore
06/2019 – 06/2019

Technical Intern
West Bengal State Electricity Distribution Company
01/2020 – 02/2020

Campus Strategizer
Indian Institute of Management, Ahmedabad
08/2019 – 10/2019

Campus Ambassador
Indian Institute of Management, Bangalore
08/2019 – 10/2019

Content Writer
Careers360
06/2019 – 08/2019

SKILLS

Python | SQL | C | ML | MATLAB | HTML & CSS | Data Science | Computer Vision | Arduino Language | IoT Integration | Clustering | CNN | JAVA

CERTIFICATIONS

[1] Python for Data Science from IBM
[2] Industrial IoT on Google Cloud Platfrom from Coursera
[3] Computer Vision Basics with OpenCV and Python from Coursera

ACHIEVEMENTS

- National Level Winner (1st Position) of National Level Hackathon, BENGALATHON 2019-20. (Awarded 5 Lakh)
- Participated in Smart India Hackathon 2020
- Best Paper Award in i3SET International Conference
- 1st Prize Winner of Conquer COVID 19 Online Hackathon
- 1st Prize Winner of IEEE CASS Technical Paper Contest
- Participated in Texas Instruments IICDC 2019

PUBLICATIONS

- **Electrooculogram Signal Acquisition System (PATENT)**

  The Project is patented by the Intellectual Property India Government of India.

  Patent Status: Published on The Official Journal of the Patent Office India bit.ly/tanmoyPatent
  Publication Date: 27/09/2019 **(ISSUE NO. 39/2019)**
  Application no. : 201931037381

- **Classification of Emotions using Voice Signal-A Non-Linear Signal Processing Approach**

  Published on SSRN journal. bit.ly/SSRNPro

- **IoT Based Smart Farming System**

  National Conference on Science, Technology and Communication Skills (**ISBN: 978-93-86675-47-7)**

- **Study the effect of smoking in Heart Rate Variability, IEEE Technical Paper Contest**

PROJECTS

[1] Electrooculogram Signal Acquisition System and Low Cost Wheelchair
[2] IoT based Fully Automated Bag Valve Mask for COVID
[3] ML based Emotion Detection using Voice Signal
[4] Predicting Iris Flower using SVM
[5] Study the effect of smoking in Heart Rate Variability
[6] IoT Based webapp without using 3rd party IoT Service Hosting bit.ly/IoTWebapp
[7] Eye Movement detection using Computer Vision