GAURAV SAHADEV

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EDUCATION

Bachelor of Technology in Computer Science & Engineering   Aug' 16 – May' 20
Siliguri Institute of Technology, Siliguri, India
CGPA - 7.92 / 10

WORK EXPERIENCE

Campus Ambassador at Hackerearth   Sep'18 - Present
- Conducted several programming competition at campus
- Conducted Quiz competition at campus

SELECTED PROJECTS

Tea rating
- Used Machine Learning algorithms like SVM and LDA, Created a model to predict best quality tea using chemical data.
- Project Featured in Intel Developer Mesh
  Link: Tea Rating

Drowsiness detection and alert system
- Created Drowsiness detection and alert system (DDAS) to avoid road and highway accidents.
- Used OpenCV, Intel UP squared and Intel realsense camera to detect drowsiness while a person is driving.
- Project Featured in Intel Developer Mesh
- Link: Drowsiness detection and alert system (DDAS)

Portable weather station
- Created a portable weather station from Nodemcu, DHT11 sensor and Arduino IDE
- Plot the real time data on the server using PubSub client
- Project Featured in Intel Developer Mesh
  Link: Portable weather station

Echo (Path Finder Robot)
- Created an autonomous robot which navigates it direction and find its path very efficiently
- Project Link: Echo

TECHNICAL SKILLS

Programming Languages
- C/C++, Python 2&3 , Java, Octave/Matlab, HTML and Visual Basic

Libraries and Frameworks
- Spyder, TensorFlow, Sci-kit learn, Pandas, opencv, scipy, request and requests, Postman, PyCharm, Flask, R Studio, GNU Octave and Eclipse IDE

Operating systems
- Linux – Ubuntu, Linux Mint and Cent OS
- Windows -Windows 10/8

ACHIEVEMENTS

- Always involved in coding competitions that are held online and had rating 1140 on Hackerearth
- Achieved World rank 387th on September Easy'18
- Solved 50+ algorithmic problems on hackereath and 20+ problems on Project Euler
- Organized Developer Weekend in Siliguri Institute Of Technology
- Coordinator of Coding society for CSE department at SIT
- Can solve rubik's cube within 60 sec