Tanvesh Bhattad

Electronics Engineering Professional

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Technophile. Enthusiastic engineering college student with experience in field of Robotics and Automation. Completed several projects for various competitions and excelled in Coding and Simulation.

EDUCATION

BTech in Electronics and Telecommunication Engineering
Government College of Engineering Amravati

07/2017 – Present — *Amravati*

Details:
- Excelled in Control systems and Microcontrollers.
- 8.31 GPA.

Intermediate College
Hislop Junior College

06/2015 – 05/2017 — *Nagpur*

Details:
- Secured an aggregate of 83.4% in HSC exams.
- 12th Science (Vocational) Electronics Stream.

High School
Samra High School

06/2005 – 05/2015 — *Amravati*

Details:
- Secured 96.2% in SSC exams

WORK EXPERIENCE

Summer Intern
Endress+Hauser Group

05/2019 – 06/2019 — *India*

Achievements/Tasks
- Learned about the process of production planning and control.
- Devised a BMI system creating a python GUI with email facilities for health monitoring.
- Learnt effective productivity techniques using Japanese terminologies like Kaizen, KATA, Gemba, etc.

Student Partner
Microsoft

01/2020 – Present — *India*

Achievements/Tasks
- Sharing technical knowledge among academic community.
- Exploring Microsoft technologies like Azure, .Net.

SKILLS

C++	Python
MATLAB	Embedded C
Data Structures	IOT
Leadership	Teamwork
OOPs	DevOps
Microsoft Azure	Eagle
Machine Learning (Supervised)	C# (Basics)

PROJECTS

Nem' Con - ROBOCON 2018 (07/2017 – 02/2018)
- We secured 32nd position in International Robotics competition ABU Robocon India and also won a cash prize of 10,000 INR for securing 3rd position in best use of Matlab software.

Meshmerize - Maze solver (10/2018 – 11/2018)
- We prepared an advance auto-calibrating line follower robot using LSA08 Sensor to solve maze and also implemented PID control and stood 2nd runner-up at Techfest.

Face Recognition using KNN (05/2019 – 06/2019)
- k-NN is one of the foremost basic classification algorithms in machine learning and I used it for face recognition using user provided face data set.

Quadraped Robot (05/2019 – Present)
- We are devising a Four-Legged robot with a walking trot gait pattern accompanied with IMU sensors.

ORGANIZATIONS

Robo-Tech Forum (GCOEA) (06/2017 – Present)
The Robo-Tech Forum is currently the only technical forum in GCOEA working for the enhancement of technical skills in robotics and automation.

CERTIFICATES

Machine Learning and Data Science Hands-on with Python and R (07/2019 – Present)

Mathworks Modelling Award (03/2018 – Present)