

Tanvesh Bhattad
B. Tech.
Electronics and Telecommunication Engineering

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Examination	Institute	Year	CPI / %
Graduation	Government College of Engineering Amravati	2021	8.45
HSC	Hislop Junior College	2017	82.4 %
SSC	Bhawarilal Samra English High School	2015	96.2 %

PROFESSIONAL EXPERIENCE

ENDRESS+HAUSER GROUP | SUMMER INTERN, AURANGABAD [May'19-Jun'19]

Received a Letter of Appreciation from the Assistant Director and Operations Head for the exceptional work

- Learnt about the process of **Production Planning and Control** and achieved **14%** incremental product output.
- Devised a **Python**-based **Health Monitoring System** with user friendly GUI and email facilities using **Tkinter, Keras**.
- Learnt effective productivity techniques using Japanese terminologies like **Lean management, Kaizen, KATA**, etc.

LEADERSHIP & TEAMWORK EXPERIENCE

MICROSOFT STUDENT PARTNER | INDIA [Jan'20-Present]

Assisting **100+** students gain technical expertise by working as an interface between students, fellow MSPs and company officials

- Sharing technical knowledge among academic community worldwide through workshops, talks and other events.
- Completed basic MS Learn modules- **Azure Fundamentals**, Cloud Computing and meliorated networking and soft skills.
- Exploring Microsoft technologies like **Azure, .Net** and working together with other MSPs to learn, share and connect.

ROBOCON COORDINATOR | ROBOTECH FORUM, GCOE AMRAVATI [Sep'17-May'20]

Led a team of **15+** members and represented the college at different national level robotics competitions

- Compiled student preferences with their expertise and interests to streamline workflow and develop **Team synergy**.
- Participated thrice in **ABU RoboCon**, an international Robotics competition along with **150+** colleges and devised various algorithms for enhanced mobility and implemented concepts like MCU communication, **Sensor fusion** and **PID tuning**.
- Secured **1st** position in Round-1 in the year 2020 & Runner up position in **MATLAB** Modelling Award in the year 2018.

GITHUB CAMPUS EXPERT | INDIA [Aug'20-Present]

A nominated representative of the **GitHub expert training program** for managing community related activities

- Leading and supporting **5+** local technical community and facilitating workshops and events with support of GitHub.
- Completed **7** expert's training modules- **Public Speaking**, Community Management, Workshop development, **Git**, etc.

PROJECTS & FREELANCING

FIN-AID: STOCK PREDICTION WEB-APP | FREELANCE PROJECT [Jul'20-Present]

- Analysed data using **regression** to establish correlation between firm's historical performance and stock price.
- Predicted results on a **Python**-based web application with frontend **Html** and **CSS** integrated with **Flask** framework.

AEGIS: SMART SECURITY SURVEILLANCE | COURSE PROJECT | GCOE, AMRAVATI [Mar'20-May'20]

- Devised a Home-security and automation system driven by **Google-assistant** which detects LPG-leakage, Fire-crisis, Intruder detection and provides alerts via email using Smtplib and backend **Nginx server** integrated with R-pi.
- Implemented classification algorithm to detect and track intruder's face with aid of **OpenCV** and **Scikit-learn**.

FACREC: FACE RECOGNITION SYSTEM | DEVSMESH INTEL [Jun'19-Aug'19]

- Analysed face-data using **KNN classification** algorithm and recognized face with an accuracy of **92%**.
- Detected Face using HaarCascade classifier and generated patterns using **HOG Algorithm** to create a personalized Dataset.

ACCOLADES & EXTRA-CURRICULAR ACTIVITIES

SPORTS & ADVENTURE	<ul style="list-style-type: none">• Swimming: Former member of Amravati District Amateur Aquatic Association Club.• Trekking: Completed 5 days Hampta Pass Trek in Manali, Himachal Pradesh.
COURSES	<ul style="list-style-type: none">• Investment Foundations Program certified by CFA Institute• Machine Learning certification provided by Coursera and Stanford university; Instructed by- Andrew Ng• Algorithmic Toolbox certification provided by Coursera and UC San Diego.
TECHNICAL SKILLS	<ul style="list-style-type: none">• C, C++, Advanced Excel, Linux, OOPs, Microsoft Azure, Eagle, Python: NumPy, Pandas, Keras, OpenCV, Flask

Interests: Cricket, Swimming, Travelling | AR-VR, AI, Finance (Equity & Derivatives) | Football- An ardent follower of Messi