

Vaibhav Shaw

Resume

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Education

2016–2020 **B.Tech**, Computer Science and Engineering, Jalpaiguri Government Engineering College, **CGPA 8.01**.

2015 **Higher Secondary/WBCHSE**, Shree Jain Vidyalaya, Percentage 84.

2013 **Secondary/WBBSE**, Shree Jain Vidyalaya, Percentage 86.

Publication

Aug'20 **SV-NET: A Deep Learning Approach to Video Based Human Activity Recognition, SoCPaR 2019, Springer**

Proceedings of the 11th International Conference on Soft Computing and Pattern Recognition (SoCPaR 2019). Part of the Advances in Intelligent Systems and Computing book series (AISC, volume 1182). **Publication URL:** @ <https://bit.ly/2CYBHzy>

Internship

Jun–Aug'19 **Data Science Intern**, Jadavpur University

A study regarding various deep learning based models applied on various video databases of HAR(**Human Activity Recognition**), **CNN** and **RCNN** models have been developed

vaibhavshaw/HumanActivityRecognition

Projects

Mar–Apr'18 **Digital Addressee System**

Generates a unique 12 digit alpha-numeric digital address for any physical address provided
Selected for Grand Finale, **SMART INDIA HACKATHON 2018**

Tools and Technologies: Brackets, HTML, CSS, Bootstrap, Javascript, SQL, PHP, MySQL

@ <https://digital-addressee-system.herokuapp.com/>

vaibhavshaw/DigitalAddresseeSystem

May–Jun'18 **Gender Classification**

Given an input RGB image the model predicts the gender(male or female) with an accuracy of 95%. The classifier model has been build with **CNN**(convolutional neural network) and trained on subset of **IMDB-WIKI** facial image dataset.

Tools and Technologies: Python 3.7, Jupyter Notebook, Keras, Numpy, Matplotlib.

vaibhavshaw/GenderClassification

Feb–Mar'19 **Tsunami Alert Mechanism**

Software predicts the chances of occurrence of Tsunami and sends an alert via text message.

Winner Grand Finale, **SMART INDIA HACKATHON 2019**

Tools and Technologies: Python 3.7, Jupyter Notebook, Sk-learn, Numpy, Matplotlib.

vaibhavshaw/TsunamiAlertMechanism

Skills

Programming C, C++, PYTHON, CORE JAVA
DATA STRUCTURES, ALGORITHMS, MACHINE LEARNING, DEEP LEARNING
Software VISUAL STUDIO, ANACONDA, JUPYTER NOTEBOOK, SPYDER
Web HTML, CSS, BOOTSTRAP, JAVASCRIPT, REACTJS, NODEJS, SQL, DJANGO

Institute Positions

Sept'17- **Head Coordinator at JYOTI, JGEC**
Present An organisation with the aim to teach students who have faced financial hardship and wish to complete the education with an attitude to fulfil social responsibilities.
Nov'18- **Core Member at Centre for Innovation, JGEC**
Present An Innovation club established with the aim of learning and professional skill development among students and peers.
Mar'19- **Core Member of Campusing Committee, JGEC**
Present Invites various IT firms for campus drives.

Curricular Achievements

Aug'20 Winner in **Smart India Hackathon 2020** under the Ministry of **Home Affairs**.
Mar'19 Second Runner Up in **Smart India Hackathon 2019** under the Ministry of **MSME**.
Feb'18 First Runner Up in **Software Exhibition**, organized by **SRISTI**, Techno-Management Fest, *Jalpaiguri Government Engineering College*.
Apr'19 Certificate awarded **Front-End Web Development with React**
@ <https://www.coursera.org/account/accomplishments/records/JC27SFKDHX5J>
Feb'19 Certificate awarded **Applied Machine Learning in Python**
@ <https://www.coursera.org/account/accomplishments/records/8JXX84399SZM>
Jan'19 Certificate awarded **Front-End Web UI Frameworks and Tools: Bootstrap 4**
@ <https://www.coursera.org/account/accomplishments/records/LVKK46TJ6GGV>

Coding Profiles

LeetCode @ <https://leetcode.com/vaibhavshaw028>
CodeChef @ <https://www.codechef.com/users/vaibhav028>
HackerEarth @ <https://www.hackerearth.com/@vaibhavshaw028>