

Vishal Kumar

7th Semester, B-Tech

A dedicated programmer and Cyber Security enthusiast having some experience in Machine Learning and looking for a six-months internship in the field of Software Development and Machine Learning. I can easily adapt to new technologies and always learning to become a better Professional.

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📍 Room NO.-270, Nilachal Men's Hostel, Tezpur University (784028), Tezpur, Assam

📅 28 August, 1998

🌐 hackerrank.com/TheMirage

🌐 linkedin.com/in/cybervishal28

📺 live:cse_vishal

🐙 github.com/cyberdhiman

EDUCATION

Bachelor of Technology, Computer Science & Engineering

Tezpur University, Assam

07/2016 – 06/2020

CGPA: 8.26 (till 6th Semester)

Class XII and Class X

Kendriya Vidyalaya, Saharanpur, Uttar Pradesh

07/2011 – 04/2015

Class XII : 93.8% & Class X : 10 CGPA

PROJECTS

Data Analysis and Visualization (08/2019 – Present)

- Developing a dashboard for data visualization and analysis using Dash in Python.

Machine Learning with Instacart Market Basket (09/2019 – 09/2019)

- Data Visualization using Plotly and Altair in Python and analysis of data for feature extraction.
- Implementation of Machine Learning model using TensorFlow Gradient Boosted Trees and also using XGBoost Gradient Boosting. Structuring all steps using the TensorFlow input pipeline and also Scikit pipeline.

App for Analysis of Fasta File (02/2019 – 05/2019)

- This was a team project, we developed a Python based app which has an interface for the analysis of the Fasta file and can put the analyzed information in the MySQL database.

** There are more projects available on my Github Profile.

WORK EXPERIENCE

Engineering and Machine Learning Intern

Ministry of Electronics And Information Technology (Delhi)

06/2019 – 07/2019

- Web Scraping and automation of form filling using selenium, requests and beautiful soap.
- Training and testing the accuracy of given Machine Learning models and doing hyperparameter optimization using Grid Search and Random Search.
- Data Analysis, Cleaning, and Visualization of given data using python libraries.
- Implemented CNN and Xception based network architectures for Face Recognition and prediction of Facial Expressions(Emotions) in real-time using Keras, TensorFlow, and OpenCV.
- Developed the GUIs using PyQt5 to provide interaction with trained Machine Learning Models.

PROGRAMMING & FRAMEWORK SKILLS

C/C++

Python

SQL

Linux

Keras

Tensorflow

Django

HTML & CSS

Scikit-Learn

OpenCV

Beautiful Soup

JavaScript

Selenium

Java

Dash

Git

EXTRA-CURRICULAR ACTIVITIES

e-Yantra Robotics Competition 2017

This was a team competition. I did programming related work in our team.

ONLINE COURSES

Practical Machine Learning with Tensorflow (08/2019 – Present)

NPTEL

Machine Learning for Engineering and Science Applications (01/2019 – 04/2019)

NPTEL

Cloud Computing (02/2019 – 04/2019)

NPTEL

Programming, Data Structures, and Algorithms Using Python (08/2018 – 09/2018)

NPTEL

LANGUAGES

Hindi and English

Professional Proficiency

INTERESTS

Software Development

Machine Learning

Cyber Security