

Ayush Gupta

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EDUCATION

Bachelor of Technology in Computer Science and Engineering 2018 – 2022

Cooch Behar Government Engineering College, Cooch Behar
8.76 CGPA (till 6th Semester)

Senior Secondary Exam (12th Grade) 2018

Green Point Academy, Kulti
83.40 % (CBSE – PCM)

Secondary Exam (10th Grade) 2016

Doon Public School, Dhanbad
8.8 CGPA (CBSE)

LINKS

LinkedIn /ayush-gupta-054318175/

GitHub /ayushgupta8927

CodeChef /users/ayushgupta8927

TECHNICAL SKILLS

- Data Structures and Algorithms
- Web Development, React JS
- Python-Flask
- Machine Learning
- Tensor Flow
- Cybersecurity
- Git/GitHub

PROGRAMMING

Fluent C Python
JavaScript C++

Familiar SQL MATLAB
JAVA

UTILITIES

Experienced – JupyterLab, Spyder, Eclipse, Octave, Unity Game Engine, VS Code, Microsoft Office, Bootstrap, THREE JS

Familiar – MATLAB, Android Studio, Octave, Arduino, PyCharm

EXPERIENCE

Product Consultant Intern (Freelance)-

TuTeck - SEP 1, 2021 – PRESENT

TuTeck is a UK based small Edu-Startup company, which works on the Product for SEN children. In this internship I'm learning a lot of new Technology like 3D animation using Three JS, etc. Apart from this I works under a small but an active development team which always supports me Here also I learnt how teamwork is a key to success

Research Intern -

Xavier Institute of social Service, Ranchi - July 2021- Aug 2021

Worked under a supervision of Dr. Rik Das, Professor of Program of Information Technology, XISS, Ranchi. The Research mainly deals with the Research Paper on Segmentation and Contour detection using Machine Learning

Web Development Intern -

The Sparks Foundation - MAY 2021 – MAY 2021 (Four Weeks)

Built a website using **HTML**, **CSS**, and **JS** and integrated a **Payment Gateway** for donation in the NGO website (Pratistha) for targeting education of Poor children

PROJECTS

FIND PEEPS!

This Web App functions as a fully-equipped Face-Detection software, with accurate **Face and Feature Detection** Mechanisms by using **MTCNN classifier**. The front-end is done with **HTML**, and **CSS** and further paired up with **Python** and **Flask**. The detected faces can be downloaded as a zip file onto the client's device, for further reference and perusal.

Chromatic Pens

This is an AI-based web app which uses **OpenCV** and pre-trained CAFFE model, and performs excellent conversion of black and white image to color image, the front-end part is build using **HTML**, **CSS**, and **JS** and the backend is done using **Flask**,

TextUtils

TextUtils is a free character counter tool made using **React JS & Bootstrap** that provides instant character count & word count statistics for a given text. It reports the number of words and characters. Thus, it is suitable for writing text with word/character limit. It also comes with a text formatting feature like changing of case, and has a dark mode feature for better readability and is browser compatible

Glaucoma Detection using CNN

A full-fledged CNN Model using TensorFlow for the classification of GLAUCOMA disease. This Project uses retinal image dataset for Image Classification using **CNN**. The application shows a high accuracy of around **95.3%** and can be standout for classification and detecting Glaucoma disease

COURSES AND SPECIALIZATIONS

Google IT Support Professional Certificate

Coursera – Google

Web Design for Everyone Specialization Coursera – University of Michigan

Machine Learning

Coursera – Stanford Online

LANGUAGES

✓ English ✓ Hindi ✓ Bengali (High proficiency in all the three language)