TATHAGATA GHOSH

Github : https://github.com/Tathagata-Ghosh-Developer

LinkedIn : www.linkedin.com/in/tathagata-ghosh-92a343145

Codechef   Codeforces   Leetcode

PROFILE

A software engineering junior with an advanced understanding of languages (like C, C++, Java, Python, HTML, and CSS), photoshop expert and video editor, web developer, and an enterprising entrepreneur. Being a tech-enthusiast and a problem solver by nature, having acquired considerable leadership and management skills buckled up with financial knowledge will help to foster and uphold the consciousness of servitude towards the nation through any domain or medium.

EDUCATION

INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR

📅 2020 - Present   📍 Howrah, West Bengal

- Bachelor of Technology - Information Technology
- CGPA: 9.27 (Present)

VIVEKANANDA MISSION SCHOOL - JOKA (affiliated to Council For The Indian School Certificate Examinations)

📅 2012 - 2020   📍 South 24 Parganas, West Bengal

- Completed Secondary Education and secured **96.4%** in the Indian Certificate of Secondary Education(**I.C.S.E**) in 2018.
- Completed Senior Secondary Education and secured **97.75%** in Indian School Certificate(**I.S.C**) in **2020. - 7th AIR**

PROJECTS

College Defour   📅 2022 - Present

B.Tech Junior at IIEST Shibpur

- Class Representative and Department Under Graduate Committee Representative of the Department of Information technology

Human Powered Vehicle Challenge (e-HPVC)   📅 January - March 2022

- Participated in the E-Fest under The American Society of Mechanical Engineers and designed a Human Powered Vehicle with innovation of optionally available EV.

Google Coding Competitions   📅 January - May 2022

- Participated in Hashcode(Qualification Round - 1668149 pts) and Kickstart (Round A - 13429th)

Keypoint identification and Extraction from Facial Videos (Semester Project)   📅 February 2022

- Superviser : Dr. Ruchira Naskar
- The facial key points include eyebrow corners, nose tip, eye corners and center, and lip points. The predicted key points are mapped onto the webcam input data and compared with different models for better detection of key points. The mean square error is used to estimate the loss of each model.

TECHNICAL SKILL

C , C++ , Java , MATLAB , HTML , CSS , JavaScript , Python

COURSES

- Data Structure and Algorithms
- Digital Logic and Circuit Design
- Discrete Mathematics and Graph Theory
- Computer Organization and Architecture
- Computer Graphics
- Formal language and Automata Theory
- Object-Oriented System Design

PROFICIENCIES

LANGUAGES : English, Hindi and Bengali

QUALITIES : Leadership, Oration, Critical Thinking, Sales and Marketing, Human Resource and Event Management.

TECHS AND TOOLS :
- Adobe Illustrator
- Adobe Premiere Pro
- Adobe After Effects
- Eclipse
- Sublime Text 3
- Visual Studio Code
- Wondershare Filmora
- Canva
- Microsoft Word
- Microsoft Excel

POSITIONS : Lead and Head in Graphic Designing and Video Editing Teams of different clubs and societies (Entrepreneurship Development Cell, Euphony, Catharsis, Debsoc, Les Thespians, Reflexobeta, Society of Information Technology)

CONTACT

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