Deep Sengupta

Computer Science And Engineering(AI) Student(undergraduate)

✉ senguptadeep03@gmail.com 📞 +919907630355 📍 Hirapur Burnpur, 713325 Asansol

Education

B.Tech in Computer Science Engineering(Artificial Intelligence) Aug 2021 - Present
Institute Of Engineering and Management, Kolkata
- SGPA- 9.59(till 6 th semester)
- Final Grade: 88.5%
- Recipient of **Academic Award for educational excellence(2 times)**[2 nd year and 3 rd year]

Senior Secondary(WBCHSE) Jun 2019 - Jul 2021
Subhaspalli Bidyaniketan(H.S), Asansol
Overall Percentage- 94.6%

Secondary(WBBSE) Jan 2013 - Mar 2019
Subhaspalli Bidyaniketan(H.S), Asansol
Overall Percentage-96.86%(WBBSE)
- Ranked **11 th in state** in Madhyamik examination
- Ranked **1 st in Asansol** and **2 nd in Paschim Bardhhaman(Dist.)**

Industrial Work Experience

Administrator Certified Associate Apr 2024 - Jul 2024
Oracle India, Online mode
validates ability to manage database tasks, features, and functions. The OCA credential demonstrates fundamental skills and provides a strong foundation for supporting Oracle products

Internships

Campass Ambasador Programme Feb 2022 - May 2022
My Captain
- Resolved process issues to encourage smoother procedures, more efficient workflow and overall business growth

Certificates

Introduction to Generative AI- Google Cloud(Coursera) Sep 2024
Analyze the concepts of generative AI. Interpret the functionality of large language models (LLMs) and their role in generative AI.

Introduction to Microsoft Azure Cloud Services -Microsoft(Coursera) Sep 2024
basic cloud concepts, provides a streamlined overview of many Azure services, and guides with hands-on exercises to deploy own

Personal details

LinkedIn
linkedin.com/in/deep-sengupta-573363229

Skills

Data Structure and Algorithm

Artificial Intelligence and Machine Learning

Competetive Coding

Database Management Systems

Operating Systems

Object Oriented Programming

Deep learning

Languages

C

JAVA

C++

Hobbies

■ Cricket

cloud services

Introduction to Cybersecurity Tools &   Mar 2024
Cyber Attacks-IBM(Coursera)
Detailed study and implementatio of cyber threats, attacks and
preventive measures.

Deep Learning: Image Recognition   Mar 2024
(LinkedIn) march 2024
Classifying images and designing an image recognition system,
building and Training deep neural network

Deep Learning: Getting Started(LinkedIn)   Mar 2024
Basics Of Deep learning

Game-Expo Game development(IEM   Apr 2022
INNOVACION)
IEM innovacion participation building 8 ball pool game in pygame.

- Football
- Problem Solving and Debate
- Reading Storybooks

Achievements

Research Paper(Final Year Project)

- **A Survey of Audio DeepFake Detection** by Deep Sengupta , Rahul Saha , Anupam Mondal (Mentor)(Accepted)- December 2023(**SSWC 2024 Easychair submission**)
- Application of machine learning algorithmson breast cancer prognosis, prediction and diagnosis by Deep Sengupta, Rahul Saha, Ujjwaini Ray

Project Details

- **Audio Deepfake Detection using CNN by MFCC feature**-classify real and fake audio by extracting features(via training datasets of real and fake audio) in Kaggle and responsive website using flask
- **Face recognition attendance system in iemcrp website**- giving attendance via face recognition system and updating college attendance data of student in excel sheet(Python via tkinter,cv etc)
- **Automatic Certificate generation**-generating certificates by from any empty certificate template(inputting names)(Python OS and CV)
- **Virtual Mouse**- controlling cursor by index and middle finger click or return from any site(just like mouse)
- **JARVIS**- automated personalised pc just like IRONMAN in MARVEL to execute order to open or close tab,search,shut down or start,as a voice assistant etc.
- **Voice Controlled AI Chess game**- game specially for visually challenged chess enthusiasts so that their impediment is shadowed by excellence(saying moves in voice as which piece and destination)
- **Emotion Detection System**- Detects emotion of user via expression in webcam (through Computer vision)
- **"SustAIble" – Generative AI for a Circular Economy**- hack2skill innovative gen Ai business idea to enable sustainable product design, production, and recycling in manufacturing, fashion, and

consumer goods, fostering a circular economy with integrated ESG principles.

References

References available upon request.