AMRITA KESH

COMPUTER SCIENCE SOPHOMORE (2020-2024)

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EDUCATION

Computer Science (B.Tech)	2020 – 2024
IIEST , SHIBPUR 🔗	Howrah
CGPA - 8.5/10 (Upto 3nd semester)	

Higher Secondary (CBSE)	2017 – 2019
DAV MODEL SCHOOL	Durgapur
Percentage - 88% (Among top 10% in a class of 500 students)	

Matriculate (ICSE)	2005 – 2017
CARMEL CONVENT SCHOOL	Durgapur
Percentage - 94% (Among top 5 in a class of 120 students)	

SKILLS

- TECHNICAL SKILLS - JAVA, C/C++, PYTHON, HTML, CSS

- COURSEWORK - Data Structures, Data Science, Digital Logic, Discrete Structures, Signals & Systems

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PROJECTS

RESEARCH INTERNSHIP IN IIT Kharagpur 🔗
(Under the supervision of Prof Rajat Chakraborty) [Nov - Present]
- Working on changing Convolutional Neural Networks to Binary Neural Networks.
- Working with Back Propagation Algorithm.

COVID FAKE NEWS DETECTOR 🔗
(This was a part of IET INDIA scholarship presentation)
- A **Logistic Regression** Model to detect fake news from correct information regarding COVID-19

TIC TAC TOE - AI 🔗
- Made a single-payer Tic-Tac-Toe AI game made in **PYTHON** using the **Minimax** Algorithm.

IMPLEMENTATION OF ML ALGORITHMS IN C
UNDER PROF. SOMNATH PAL (IIEST SHIBPUR) [Sep - Present]
- Did Preprocessing of the data file in command line argument and manually implementing Machine Learning Algorithms (**K MEANS** & **KNN**) in **C** Language

PORTFOLIO WEBSITE 🔗
- Made a static website showcasing my resume and portfolio using **HTML**,**CSS** and **JavaScript**

AWARDS

THE IET INDIA SCHOLARSHIP AWARD 2021 🔗
THE IET INDIA
- Became the **Eastern Region Winner** and **First Runner up** after Three Rounds of selection among 16000+ applicants. Winners were selected on the basis of academic excellence and rewarded for their creativity, innovation, leadership and excellence.

Kickstart 2022
Google
Achieved a global rank of 2975 out of 17000+ participants.

EXTRACURRICULAR & VOLUNTEERING

THE GIRL CODE VOLUNTEERING INTERN 🔗
- Hosted 2 workshops and taught 38 girls various concepts of coding under this non-profit organisation.

MICROSOFT LEARN STUDENT AMBASSADOR 🔗
- Part of microsoft's students' and mentors' community.

#IamRemarkable Facilitator 🔗
- Held three workshops under the Google Initiative of #Iamremarkable with a total of 26 participants and helped them build confidence in themselves.

CODE IIEST & GDSC IIEST 🔗
- Member and active participant of college coding club and Google Developer Student Club of College