

Arunava Roy

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LINKEDIN | GITHUB

EDUCATION

TECHNO INDIA UNIVERSITY

B-TECH ELECTRONICS AND COMMUNICATION ENGINEERING (E.C.E)

CGPA: 8.84

2022

Kolkata, West Bengal

D.B.M.S CAREER ACADEMY

CLASS 12

Percentage: 73.4 % (Best of 5), Aggregate 69.66%

2018

Jamshedpur, Jharkhand

B.D.M INTERNATIONAL SCHOOL

CLASS 10

CGPA: 8.6

2016

Kolkata, West Bengal

SKILLS

PROGRAMMING LANGUAGES

P.L.C, C, JAVA, SQL, HTML, CSS

TOOLS / PLATFORMS

MS - WORD, MS - EXCEL, MS - POWERPOINT, SCILAB

PROJECTS / OPEN-SOURCE

ANIMATRONICS ARM

We have taken stint at making an animatronics arm, an animatronics arm by definition is a Robotic arm which mimics a human arm, can perform a special role in a task, we have developed the structure and have made it operational via image processing (OpenCV) and speech recognition. It truly resembles the functionalities of a human arm. We have also developed the muscle sensor which enables it to mimic human arm via muscle sensing.

CERTIFICATIONS

- Better Spoken English - NPTEL , Credential ID NPTEL19HS19S51630254.
- INDUSTRIAL AUTOMATION (PLC PROGRAMMING) - MSME Tool Room Bonhoogly West Bengal, Credential ID PLC/20-21/001.

HONORS & AWARDS

- 2nd Place, MODEL COMPETITION (September 2022) 12th Inter University Engineering, Science & Technology Academic Meet 2022 & Innovative Model Competition For A Sustainable Society organised by FOSET (National level Society)
- 3rd Place, PAPER PRESENTATION (September 2022) 12th Inter University Engineering, Science & Technology Academic Meet 2022 & Innovative Model Competition For A Sustainable Society organised by FOSET (National level Society)