Amrita Singha Roy

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EDUCATION

RCC INSTITUTE OF INFORMATION TECHNOLOGY
B.Tech in Electrical Engineering
Expected July 2019 | Kolkata, WB
CGPA:7.88/10

WEST BENGAL COUNCIL OF HIGHER SECONDARY EDUCATION
Grad. May 2015 | Kolkata, WB
Percentage: 84.8

LINKS

Github:// **Amrito1996**
LinkedIn:// **amrita-singha-roy**

ONLINE COURSE
Intro to Computer Science • HarvardX

SKILLS

PROGRAMMING
C • Python • Matlab
DESIGN
LaTeX • HTML • CSS
Familiar To:
• Blender • LABview
• GNU Image Manipulator Program
• Machine Learning

LANGUAGES

Bengali • Mother-Tongue
Hindi • Bi-Lingual
English • Professional
Japanese • Beginner

PROJECT WORK

AUTO LEVELING QUADCOPTER | Project Team Leader | Team of 4 members
September 2017 – Present | Kolkata, WB
- The auto leveling quadcopter is built around an Arduino UNO R3(microcontroller) and MPU 6050(gyroscope) as its flight controller. Currently it is under development. It could be able to automatically control itself while flying (if experience any inflow of force).

LABVIEW BASED WATER LEVEL MEASUREMENT AND CONTROL | Project Team Leader | Team of 4 members
June 2018 - Present | Kolkata, WB
- The project is about optimization of water level measurement and control it through designing a capacitive sensor.
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COLOR ORGAN | Team Member | Team of 2 members
May 2016 – June 2016 | Kolkata, WB
- The color organ is basically a filter based circuit. The color organ is mainly consist of 3 filter for determining high, mid and low frequency inputed through a audio device and give output to Leds.

TRAINING AND CERTIFICATION

MEJIA THERMAL POWER STATION, D.V.C. | Vocational Trainee
Jan 2018 – Feb 2018 | Bankura, WB
Undergone Training from 10.01.2018 to 30.01.2018 at Mejia Thermal Power Station, DVC under the supervision of Dy. Chief Engineer(E), DVC, MTPS

ERICSSON | Ericsson Career Connect Program
2018 | Kolkata, WB
Undergone and successfully completed the Telecom Essentials course.

BIPED ROBOTICS | Workshop |
Feb 2017 | Kolkata, WB
Participated in Biped Robotics workshop at RCC Institute of Information Technology organized by Robokart in association with Innovation Cell UMIC, IIT Bombay.

ACHIEVEMENTS

2017	Qualified in the BEC Preliminary Council of Europe Level B1.
2014-2018	Tutoring mid and high-school kids on the topics of science and technology.

EXTRACURRICULAR ACTIVITIES

Swimming • Playing Football • Cycling

HOBBIES

INTERESTS
Reading Manga • Watching Anime • embroidation of Anime, cartoon Characters • Love to learn new things • Drawing