

Samarjit Karmakar

Second Year Undergraduate Student
Computer Science and Engineering
National Institute of Technology, Warangal

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Objective To pursue a career in research and development.

Education **National Institute of Technology, Warangal**
B.Tech, Computer Science and Engineering, Expected 2020.
CGPA: 9.13 (After Third Semester).

Birla High School, Kolkata
AISSCE (CBSE Board) 2016, Class XII, 96.4% (Institute Rank 1).

Birla High School, Kolkata
AISSE (CBSE Board) 2014, Class X, CGPA: 10.00.

Academic Projects **Robotic Claw**
Domain: Robotics.
Developed a Robotic Claw which can mimic hand gestures.
Created a low cost alternative for flex sensors.
Showcased at INK Makers Makeathon Finals, 2017 at T-Hub, IIIT Hyderabad.
Technologies Used: Arduino Uno, Multipurpose Sensors.

Data Modelling & Database Design for an e-Commerce Platform
Domain: Database Management Systems.
Technologies Used: MySQL, Java (JDBC).

Skills and Interests **Programming languages:** C/C++, Core Java, Python, SQL.
Tools: Arduino Uno, MATLAB, \LaTeX , OpenGL, Django, MySQL, Oracle 11g, GraphLab Create.
Interests: Data Structures & Algorithms, Data Science.

Awards and Fellowships **Institute Merit Scholarship, NIT Warangal**
B.Tech First Year, 2016-2017.

Mamraj Agarwal Rashtriya Puraskar
Presented by Governor of West Bengal.
Raj Bhavan, Kolkata, 2016.
Recognition for achieving 96.4% in AISSCE, 2016.

Outstanding Student of the Year
Birla High School, Kolkata, 2016.

Relevant
Coursework

Computer Science: Data Structures & Algorithms, File Structures, Discrete Mathematical Structures, Database Management Systems, Object Oriented Programming in Java.
Mathematics: Engineering Mathematics I & II, Statistical & Numerical Methods.
Electronics: Digital Logic, IC Applications, Basic Electronics Engineering.

Academic
Achievements

- Awarded **Ex** grade for undergraduate courses in Problem Solving & Computer Programming (Theory & Lab), Data Structures & Algorithms (Theory & Lab), File Structures, Mathematics II (Integral Calculus), Workshop Practice, Basic Electrical Engineering, Chemistry.
- Ranked 988th (99.99 percentile) in **JEE Main**-2016.
- Ranked 73rd (99.99 percentile) in **WBJEE**-2016.
- Awarded CBSE Merit Certificate in Physics for scoring 100% and being among top 0.1 percentile among all candidates in India.
- Among top 1300 students to qualify for **Kishore Vyagyanik Protsahan Yojana** (KVPY) for SX stream in the year 2016.

Extracurricular
Activities

Developer at the **Web & Software Development Cell (WSDC)**, NITW.
Executive Member at the **Association for Computing Machinery (ACM)** Student Chapter, NIT Warangal.