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| ANAMIKA GUHA  P.O: Inda, Village: Rabindrapally, Kharagpur, Paschim Medinipur - 721305 · 9547731162  aguha07@gmail.com · https://www.linkedin.com/in/anamika-guha-9a1486185 |
| Hardworking, punctual and motivated individual, always willing to learn new skills, who is able to work well under pressure and adhere to strict deadlines. Outgoing, tactful and have organized and methodological skills willing to learn and develop new areas. Enthusiastic for research works and already worked in the theories related to the projects described in the advertisement. |

# Education

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| May 201310th Standard, K.V I.I.T Kharagpur C.G.P.A – 9.6  Appeared for Mathematics Olympiad |
| mAY 201512TH sTANDARD, K.V I.I.T Kharagpur PERCENTAGE – 73.5% June 2018b.Sc in Computer Science, Syamaprasad College, University of calcutta PERCENTAGE – 75.5%  College Topper July 2020 **M.Sc. IN Computer Science**, Technology Campus, University of calcutta  About to be completed**.** |
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# Skills

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| * Strong Mathematical skills * Strong Coding skills * Willing to learn | * Eager for Research Works * Like to work in a team * Adaptable |

# technological skills

### C, C++, Advanced Java, Python, Discrete Mathematics, Software Engineering, MS SQL, Oracle, Networking And Communication, Html, CSS, PHP, Machine Learning, Neural Networks, Advanced Computer Architecture, Advanced OS, Data Science, Algorithm, Data Interpretation, Unix, Combinational And Sequential Circuit Design, Assembly Level Language(Microprocessor Programming And Architecture), Automata Theory, data mining, dbms.

# Activities

## Project Works:

* Travelling salesman problem
  + - Heuristic approach to find the shortest possible route.
    - Optimization of NP-Hard problem.
    - Use of genetic algorithms.
* influence maximisation as an optimisation problem
  + - Considered diffusion models of influence using machine learning.
    - Utilization in viral marketing decisions.
    - modelling influence diffusion in twitter (big-data analysis)
* DEveloping web based application
  + - Using PHP to build a full scale heath management application from scratch both frontend and backend.
* Microprogrammed processor design
  + - Built a sequential clock using microprocessor programming and working with peripherals.

# Achievements

## placed 2nd in the all india inter college academic meet organized by foset (forum of scientists, engineers and technologists) for travelling salesman problem project.

## placed 2nd in all india state level dancing competition in kathak.

## gold medalist in drawing from fine arts academy for 3 times in a row.

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