

Nishka Shah

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TECHNICAL SKILLS

Programming Languages: C++, C, Java, Python
Web Technologies: HTML, CSS, Javascript, React
Database: SQL
AWS: AWS Academy Graduate (Cloud Foundations)
Others: Linux

EDUCATION

Bachelor of Technology, Computer Science & Engineering July 2019 – May 2023
Vellore Institute of Technology, Vellore **GPA: 8.51**

All India Senior School Certificate Examination (XII) – CBSE Mar 2019
Maharaja Agrasen Vidyalaya, Ahmedabad, India **88.6%**

All India Secondary School Examination (X) – CBSE Mar 2017
Maharaja Agrasen Vidyalaya, Ahmedabad, India **GPA: 9.8**

PROJECTS

- [DYNAMIC AND IMPROVED IMPLEMENTATION OF BANKERS ALGORITHM](#)
A time efficient approach to the Bankers Algorithm
- [STABLE MARRIAGE PROBLEM – GALE SHAPLEY ALGORITHM](#)
A greedy algorithm where at each step, the 'proposers' take a greedy decision of selecting the best partner (locally optimal choice) that was not yet proposed
- [AUTOMATIC TEST SCENARIO GENERATOR](#)
- [SOCIAL DISTANCING DETECTOR \(ONGOING\)](#)
To support reduction of CoronaVirus by providing an AI based solution to automatically monitor and detect violations of Social Distancing among individuals

PERSONAL SKILLS

- Computer Literacy
- Problem Solving Skills
- Active Listening
- Content Writing
- Social Skills
- Leadership
- Teamwork
- Analytical Skills

RELEVANT COURSES

Information Security Analysis and Audit, Blockchain and Cryptocurrency Technologies, Database Management Systems, Operating Systems, Network Communication, Data Structures and Algorithms, Software Engineering, Computer Architecture and Organization, Artificial Intelligence, Internet and Web Programming, Microprocessors and Interfacing