

# KANAISHK GARG

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## ABOUT ME

I am an inquisitive Computer Science student interested in the fields of Web Development, Data Sciences and Embedded Computing. I am always interested in learning new things, improving what I am familiar with, and finding different ways to solve a problem. I wish to make technology more approachable and easier-to-use for everyone using mobile computing and cloud-based applications. I have informal experience of working in teams, am familiar with different development platforms and environments and currently specialize in C and C++ programming.



## EDUCATION

**Bachelor of Technology (B. Tech.) Computer Science and Engineering | Maharaja Agrasen Institute of Technology, Delhi**

AUG 2019 – JUNE 2023(EXPT.)

CGPA: 8.889



## EXTRA CURRICULAR

**Digital Media Assistant | Bal Bhavan Public School, Delhi**

APR 2014 - APR 2016

- Produced programs when called upon, including weekends.
- Troubleshooting of various hardware and software issues encountered and following up till satisfactory resolution.

**Software Engineering Virtual Experience Program Participant | JPMorgan Chase & Co.**

MAY 2020

- Use JPMorgan Chase frameworks and tools.
- Display data visually for traders
- Interface with a stock price data feed



## PROJECTS UNDERTAKEN

**Automated Rewarding System for Garbage Bins**

Dispenses reward when ever garbage is thrown into the bin to promote people toward proper disposal of garbage. Some of the challenges faced were figuring out ways to combat exploitation of the system and figuring out the appropriate remuneration that was feasible to sustain and rewarding enough to motivate people toward proper sanitation.

## LED Matrix Display using Arduino

Created library for displaying information on LED matrix to use as a display. It is based on Arduino as a platform and integrates SIPO principle along with PWM (Pulse Width Modulation) to make it energy efficient and have low hardware processing requirements. It has application in low powered environments to display static information like City-Bus information panels, Signage etc.



## TRAININGS UNDERTAKEN

- Launchpad (DSA in C++)  
July 2019 - Coding Blocks, India
- Design and Analysis of Algorithm (C++ and Python)  
December, 2020 - SWAYAM Online (NPTEL)
- Computer Graphics (OpenGL)  
December, 2020 - SWAYAM Online (NPTEL)
- Web Development in 2021 (JavaScript, React, Node.js)  
Currently undergoing – Udemey Online



## SKILLS

- |                  |               |
|------------------|---------------|
| • C and C++      | • Analytical  |
| • Python         | • Organized   |
| • HTML, CSS, XML | • Curious     |
| • GIT            | • Multitasker |
| • Linux          |               |