

# RUTVIK MARAKANA

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## EDUCATION

### **GEORGIA INSTITUTE OF TECHNOLOGY | Atlanta, GA**

Bachelors of Science in Computer Science | MAY 2020 – AUG 2022

- Threads : Information Internetwork and Intelligence
- GPA : 3.87 (CS 4.00)

### **KENNESAW STATE UNIVERSITY | Marietta, GA**

Bachelors of Science in Computer Science | AUG 2018 – MAY 2020

- GPA : 4.00 (CS 4.00)

## SKILLS

**Programming:** Java – Proficient, C – Fundamental, Python – Fundamental,  
SQL – Proficient

**IDEs:** Eclipse, NetBeans, IntelliJ and SSMS.

**Languages:** English – Fluent, Hindi – Fluent, Gujarati – Native

**Relevant Coursework:** Object Oriented Programming, Discrete Mathematics in CS, Introduction to Software Development, Data Structures and Algorithms, Introduction to Database Systems, Introduction to AI and Computer Organization.

## EXPERIENCE

No previous work experience

## PROJECTS

### **DATABASE PROJECT | AUGUST 2019 – DECEMBER 2019**

- Designed a database that keeps up with the data required in a construction company under the supervision of a computer science professor.
- Used SQL language to create the database.

### **LU DECOMPOSITION PROJECT | JAN 2020 – APRIL 2020**

- Created a project that demonstrates the use of LU decomposition (linear algebra topic) under the supervision of a mathematics professor.
- Constructed a java program to demonstrate the theme of the project.

## **SOFTWARE ENGINEERING (PIZZA DELIVERY) PROJECT | JANUARY 2020 – APRIL 2020**

- Developed a user-friendly GUI of the pizza delivery app or website under the supervision of a software engineering professor.
- Wrote the program of GUI in java and used NetBeans as IDE.

## **CIRCUITS, LC3 CODING AND C CODING | AUGUST 2020 – DECEMBER 2020**

- Created several different projects covering various parts included in the organization of a computer.
- Learnt how the code written in human friendly language converted to a binary object by the compiler.
- Used circuit-sim to design different circuits.

## **VOLUNTEERING**

### **REALITY-U AT MCCLESKEY MIDDLE SCHOOL | FEB 15, 2019**

- The event focused on teaching middle school students, the value of money savings in life. The students were exposed to the real-life hardships people face due to lack of savings.
- Was handling a health insurance and house booth.

### **OWL CON | MARCH 16, 2019**

- The event was just a fun experience in the regular busy life. This event had some experienced people showcasing projects related to college coursework. There were some games for guests at the end of the event.
- Was handling the guest and students check-in booth.