

# Sharanya Pillalamarri

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<https://sharanyap.github.io/>

## EDUCATION

### Georgia Institute of Technology

*Bachelor of Science, Major in Computer Science*

Atlanta, GA

Graduation Date: May 2023

**Relevant Courses:** CS 1332 Data Structures & Algorithms, CS 2340 Objects & Design, CS 2110 Computer Organization & Program, CS 3600 Intro to AI

### University of Georgia

*Transferred*

Athens, GA

Aug 2019 – May 2020

## WORK EXPERIENCE

### McKesson Corporation

*Software Engineer*

*[currently working on]*

Irving, TX

May 2021 – Aug 2021

- Creating a RESTful API using JPA that allows users to query based on various criteria
- Implementing a user interface that allows users to access data entities using Node.js and Postman

### Think Next Best

*Front End Web Developer & Designer*

(Remote) Los Angeles, CA

Jan 2021 – Present

- Designing Shopify layouts for the website that are easy to navigate and fit the brand image which helped onboard 5 clients to the platform
- Collaborating with a team of 4 designers and developers to bring Figma mockups to life that are usable and responsive using Shopify Liquid, HTML, CSS, JavaScript and Bootstrap
- Led a team of 2 frontend developers to help create a leaderboard interface to increase customer interaction

## RESEARCH

### Autonomous and Connected Transportation Lab

*VIP assistant – Mobile Development Team*

Atlanta, GA

Jan 2021 – Present

- Created testing data for the mobile app on Firebase
- Integrating the HERE API to the MapBox API to get real time traffic data and produce incentives on the mobile app

### Heterogeneous Robotics Lab

*Research Assistant*

Athens, GA

Jan 2020 – May 2020

- Etched operating system on SD cards for 8 robots and prepared packages to manually control a single swarm robot
- Tested manual controls of the swarm robots and presented at the CURO Symposium

## PROJECTS

### Database Servlet Project

*CSCI 4300 – Web Programming*

Athens, GA

April 2020

*Description:* Created a working prototype of a website for a photography company where local photographers could be matched with a client.

- Programmed a servlet using Java that takes user input and matches the data with SQL database of photographers
- Designed multiple concepts and relational diagrams before implementing the database using MySQL

## CAMPUS & COMMUNITY INVOLVMENT

### Bits of Good

*UI Designer*

Atlanta, GA

Aug 2020 – Dec 2020

- Conducted a design case study to find ways to enhance data sharing by more than 50% for users who use travel applications
- Designed website and application interface prototypes for 7 different mock applications using Figma

### Girls Who Code

*Mentor*

Athens, GA

Aug 2019 – May 2020

- Guided 10+ girls in Double Helix private school with their personal coding projects and educated them about the opportunities in programming
- Hosted workshops for 2 hours each week and taught students JAVA and HTML using Scratch program

## SKILLS

**Programming:** Java, Python, C, HTML/CSS, JavaScript, MySQL, JPQL/JPA

**Other:** Adobe Creative Cloud, Autodesk Maya, Fusion 360, Figma, Salesforce, Git, Mercurial

**Languages:** Fluent - English, Telugu