Sharanya Pillalamarri

16107 Summerwood Ln Alpharetta, GA 30005 • sharanyap@gatech.edu • (678) 862-7385
Permanent Resident in USA

EDUCATION

Georgia Institute of Technology   Atlanta, GA
Bachelor of Science in Computer Science   Aug 2020 – May 2023
Relevant Coursework: CS 1332 Data Structures
Zell Miller Scholar

University of Georgia – Honors College   Athens, GA
Relevant Coursework: Aug 2019 – May 2020
CSCI 1302 – Software Development, CSCI 4300 – Web Programming

RESEARCH EXPERIENCE

CURO, Heterogeneous Robotics Lab   Athens, GA
Research Assistant   Jan 2020 – May 2020
- Built 2 swarm robots used for the Educational Swarm Robotics research
- Etch operating system on SD cards for 8 robots and prepared packages to manually control a single swarm robot
- Tested manual controls on the 8 swarm robot for the Swarm Robot Testbed research

PROJECT EXPERIENCE

Database Servlet Project   Athens, GA
CSCI 4300 – Web Programming   April 2020
- Created a prototype of a website for a photography company where local photographers could be matched with a client
- The front-end of the website was coded in HTML, CSS, and JavaScript. For the backend multiple concepts and relational diagrams were created before implementing the database using MySQL
- Database and front-end were connected using a Servlet where the user could interact with the database by sending SQL queries

Arcade   Athens, GA
CSCI 1302 – Software Development   Dec 2019
- Contains two games, Tetris and Mancala that have multiple levels. User decides which game to play
- Both games can be played simultaneously, and the levels are automatically adjusted based on the user's scores
- Created in a Linux environment. JavaFX was used

CAMPUS & COMMUNITY INVOLVEMENT

Bits of Good   Atlanta, GA
Design Boot Camper   Aug 2020 – Present
- Conduct a design case study related to User Experience designing
- Design website page and application interface prototypes for mock applications
- Use programs such as Figma, Adobe InDesign, Adobe Illustrator and Adobe Photoshop

Girls Who Code   Athens, GA
Mentor   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 & INTERESTS

Programming: Java, Python, HTML/CSS, JavaScript, Linux, MySQL
Software: Adobe Creative Cloud, Autodesk Maya, Salesforce, Microsoft Office
Languages: English, Telugu, Hindi, Spanish, Korean
Interests: Artificial Intelligence, Machine Learning, Big Data, Cybersecurity, UI/UX Design, Data Analytics