Rishi Desai

rishidesai@gatech.edu • (678) 612-3215 • linkedin.com/in/rishiidesai • github.com/rishi-desai • rishi-desai.com

EDUCATION

Georgia Institute of Technology | Atlanta, GA   Expected Graduation May 2024

B.A. - Computer Science, Specialization in Intelligence and Information Internetworks

Coursework: Data Structures, Algorithms, Databases, Discrete Mathematics, Linear Algebra, Probability and Statistics, Object Oriented Programming, Multivariable Calculus, Software Design, Artificial Intelligence, Networking

SKILLS & TECHNICAL TOOLS

Programming Languages – Python, Java, JavaScript, HTML/CSS, SQL, C, and Swift.

Technologies – Git, Firebase, Flask, ReactJS, NodeJS, MySQL, CMake, Docker

Awards – HackGT 8: BlackRock Challenge.

EXPERIENCE

Aquabots Research | Georgia Institute of Technology   *Aug 2022 - Present*

Software Engineer

- Developed an aquatic vehicle GUI using JavaScript, HTML/CSS, and ROS nodes.
- Utilized sonar data to create a SLAM algorithm that virtualized the vehicles surrounding environment.

CVS | Marietta, GA   *Oct 2019 – Apr 2021*

Retail/Customer Service

- Engaged customers while solving issues and providing solutions with fast and accurate transaction processing.
- Exceeded team goals and collaborated with staff to implement customer service initiatives.

PROJECTS

Sustainavestor | *Python, Pandas, NumPy, Flask, ReactJS*

https://devpost.com/software/sustainavestor

- Created a RESTful web API from scratch to allow for seamless communication between the front and back end.
- Built a dynamic website that allowed users to answer ESG questions and receives stocks based on their results.
- Developed an algorithm to evaluate S&P 500 stocks cultivated from BlackRock's specific ESG principals.

GTLink | *Swift, Firebase*

- Implemented screens that enable the user to view collaborative posts from other users.
- Integrated Georgia Tech's Microsoft Exchange signup/login into the app allowing only students and faculty access, thus increasing user safety.