

# SRI GANESH GANTA

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## EDUCATION

- University of Houston| B.S. Computer Science Anticipated Graduation - May 2023
- Cumulative GPA: 3.6
  - Dean's List: Spring 2021, Fall2021
  - Relevant Courses: Data Structures, Algorithms, Operating Systems, Software Engineering, Data Science.
- Houston Community College| A.S Computer Science Graduation-Dec-2020
- GPA: 3.78 (Magna Cum Laude)

## WORK EXPERIENCE

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- Software Engineer Intern |INFODAT INC** Houston, TX | September 2022 - Current
- Specified, prototyped, developed, and tested an object-oriented, multiplatform C++ framework containing support to data structures, common algorithms sockets, threading.
  - Developed highly efficient algorithms in C++ through both pair-programming and independent work.
  - Collaborated with team members to develop, debug, research, and test software applications
- Tutor |University of Houston** Houston, TX | August 2022 – Current
- Mentored 50+ students in CS classes in Subjects related to Data structures, algorithms in C++ and Python.
  - Study new languages, develop practical examples, and become familiar with the course material to teach.
  - Developed strong communication skills as well as enhanced my technical and problem-solving skills.

## PROJECT EXPERIENCE

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- Fuel Quote App**| HTML, CSS, JavaScript, NodeJS, MongoDB Jan-2022
- Implemented a web app that allows client to register and create a fuel quote based on their current location.
  - Implemented a database using MongoDB, to keep track of all important user data.
  - Features a secure authentication system that stores passwords using bcrypt library of JavaScript
- Feed The Hungry**| HTML, CSS, JavaScript Oct-2021
- Implemented a simple website with payment gateway integration.
  - Created a non-profit organization website using HTML, CSS, and JavaScript, and implemented a payment integration using razor pay to help users donate to people in need.
- Breast Cancer Classification** | Python, OpenCv, Numpy, Pandas, Mathplotlib Feb-2020
- Analyzed the diagnostic Wisconsin Breast Cancer Database and implemented different classification algorithms to compare their accuracy in classifying breast cancer type.
  - Implemented supervised machine learning models such as KNN, SVM, LDA, logistic regression, and DTree to accurately predict a patient with a malignant tumor.
- Banking System** | Python Oct-2019
- Implemented a banking system, where users can create, edit, manage, and delete their bank information.
  - Constructed using python libraries, and CRUD framework

## SKILLS

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- Programming languages: C++, Python, Java, R, HTML, CSS, JavaScript
- Web Tools/ Framework: Git, React.js, Express, Bootstrap, Jest, Git
- Database: MongoDB, MySQL
- Fluent (trilingual): English, Hindi, and Telugu

## ACTIVITIES

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- CougarCS**| Participated in various coding hackathons, and coordinated with operational leaders to organize events.
- MissoUH**|Participated in general board meetings, volunteer/social events, and collaborated with student organizations.