

Subbarao Garlapati

Education

Georgia Institute of Technology, Atlanta, GA

May 2021

- GPA: 3.94/4.00
- Bachelor of Science in Computer Science, Minor in Mathematics
- Threads: Information and Infonetworks, Systems and Architecture
- Faculty Honors, Dean's List, Georgia Tech Honors Program

Experience

MessageGears, Atlanta, GA

June 2020 - Aug 2020

Cloud Team Intern

- Worked as part of a full stack engineering team building an independent web application comprised of an Angular front end and Java Spring backend.
- Wrote end-to-end tests and worked on the backend for a variety of the company's services

Coordinated Care Inc., Atlanta, GA

May 2019 - Aug 2019

Software Intern

- Developed chat communications application using the Twilio platform that would allow rural nurses to better digest and respond to information sent by crowded city hospitals
- Managed and maintained the company website

Personal Project

Nov 2019 - Dec 2019

- Created a chat app that allows users to register, create/delete channels, and chat with each other, among other features.
- <https://github.com/SubbaraoGarlapati/myOwnChatApp>

University of Minnesota Talented Youth Mathematics Program, Minneapolis, MN

- Authored a research paper on applications and uses of knot theory, the study of mathematical loops with their ends joined together
- Awarded Mathematics Scholar of Distinction for research by the Minnesota Board of Education

Activities and Leadership

Vertically Integrated Project: Humor Genome Project

August 2020 - Present

- Building a repository of humor using social networking integration and user supplied data under the guidance of Dr. Lew Lefton and Dr. Pete Ludovice.

Epic Intentions

Jan 2020 - Present

- Working with the nonprofit Partnership for Southern Equity to design a tool that will analyze and display geospatial neighborhood census demographic data layers

Mathematical Biology Research

Jan 2019 - May 2020

- Studying human evolutionary genomics and population genetics under the guidance of Dr. Joseph Lachance
- Awarded the competitive President's Undergraduate Award for project on Quantifying Genetic Load in Admixed Individuals

Junior Stem

Aug 2019 - May 2020

- Facilitating student involvement in STEM initiatives to promote and increase retention of underrepresented minorities

Contact

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Github

<https://github.com/SubbaraoGarlapati>

Address

10441 Golden Eagle Trail

Woodbury, MN 55129

Skills

Java

Spring

MATLAB

Twilio

Node.js

HTML/CSS/Bootstrap

JavaScript

C

Certifications

AWS Certified Solutions Architect - Associate (SAA-C02)

Microsoft Azure Fundamentals (AZ-900)

Relevant Coursework

Honors Algorithms

Data Structures and Algorithms

Computer Organization and Programming

Discrete Mathematics

Second Course in Linear Algebra

Objects and Design

Systems and Networks

Languages

Spanish

Telugu