

# 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, Oct 2016 - Mar 2017
- Awarded Mathematics Scholar of Distinction for research by the Minnesota Board of Education

## Activities and Leadership

**Mathematical Biology Research**

Jan 2019 - Present

- 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 - Present

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

**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

## Contact

**Phone**

651-600-2589

**E-mail**

[sgarlapati9@gmail.com](mailto:sgarlapati9@gmail.com)

**Linkedin**

[linkedin.com/in/subbarao-garlapati](https://www.linkedin.com/in/subbarao-garlapati)

**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

## Relevant Coursework

Honors Algorithms

Data Structures and Algorithms

Computer Organization and Programming

Discrete Mathematics

Second Course in Linear Algebra

## Languages

Spanish

Telugu