

Thaneesh B. Krishnasamy

Atlanta, GA | (470) 815-3918 | thaneesh@gatech.edu | thaneeshbabu.me

EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computer Science

Atlanta, GA

August 2021 – May 2025

- **Concentrations:** Intelligence, Systems and Architecture
- **Relevant Coursework:** Object Oriented Programming, Integral Calculus

EXPERIENCE

IT Board, Georgia Tech Student Government Association

Atlanta, GA

Backend Developer, Course Critique Team

September 2021 – Present

- Maintaining Course Critique's database, Georgia Tech's grade distribution platform.
- Developing robust algorithms to maximize accurate matches between input searches and existing data.
- Serves 10,000+ students in planning out their semesters, providing updated course and professor information.

National Institute of Information Technology

Doha, Qatar

Summer Data Science Student

May 2020 – July 2020

- Learnt and employed Python data science libraries such as Pandas, NumPy and Matplotlib.
- Analyzed, plotted, and extrapolated COVID-19 case figures in five countries, as part of a personal project, applying data science tools on Johns Hopkins' open-source coronavirus dataset.

PROJECTS

IAmProfessor | Team Project | JavaScript, React, HTML, CSS

August 2021 – Present

Project Lead, Full Stack Developer

- Web application that returns unanswered Stack Exchange queries, filtered by keywords and site name.
- Integrates APIs from 30 sites under Stack Exchange to form a virtual database of unanswered queries.

Dilemma Discord Bot | Personal Project | Python, Flask

May 2021 – Present

- Solves typical dilemmas using RNG in multiple servers, totaling 100+ users, with a 5-star user feedback.
- Features also include checking compatibility of two names and suggesting random names using APIs.
- Verified by Top.gg, the largest space of discord bots, and hosted on the cloud 24/7.

LibTrack | Personal Project | Python, Tkinter, SQL

May 2020 – July 2020

- Developed a Python program with an elaborate GUI to manage and track library books in circulation.
- Programmed a SQL database to store and retrieve member credentials.
- Tested successfully by the school library department with over 250 books for a period of 45 days.

Might Bite | Team Project | Java, SQL

April 2019 – June 2019

Backend Developer

- Built an application that displays recipes made with matching user-entered ingredients with a GUI using Swing.
- Programmed and managed the project's database; used an online SQL database to store 50+ recipes.
- Categorized recipes with vegan, vegetarian and lactose-free labels for a comprehensive list of recommendations.
- Improved dining hall's efficiency by 200% and was used by 20+ faculty members & 50+ students.

ORGANIZATIONS

The Agency (AI/ML Club) | Georgia Tech

August 2021 – Present

Developing an ML algorithm that predicts accurate stock prices.

GreyHat (Cybersecurity Club) | Georgia Tech

August 2021 – Present

Gaining hands-on experience analyzing, exploiting, and defending computer systems.

SKILLS

Languages: Python, Java, C/C++, JavaScript, TypeScript, HTML, CSS, SQL

Frameworks and Technologies: PostgreSQL, MongoDB, ReactJS, ExpressJS, Flask, ROS, AWS, Git, GitHub

Certifications: Introduction to Machine Learning (Duke University – May 2021), Competent Communicator (Toastmasters International – June 2019), Summer Artificial Intelligence Camp (UAE Government = July 2018)