Thaneesh B. Krishnasamy

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EDUCATION

Georgia Institute of Technology   Atlanta, GA
Bachelor of Science in Computer Science   *August 2021 – May 2025*
- o **Concentrations**: Intelligence, Systems and Architecture
- o **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*
- o Maintaining Course Critique's database, Georgia Tech's grade distribution platform.
- o Developing robust algorithms to maximize accurate matches between input searches and existing data.
- o 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*
- o Learnt and employed Python data science libraries such as Pandas, NumPy and Matplotlib.
- o 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

DayMaker | Team Project | JavaScript, React, Express.js, HTML, CSS   *October 2021 – Present*
Backend Developer
- o Web application that uses Google Cloud APIs to automatically create Google Calendar events based on fed documents.
- o Uses Natural Language Processing to extract dates and relevant titles from a given file.
- o Awarded "Best Use of Google Cloud 1st Place" at HackTX 2021.

Dilemma Discord Bot | Personal Project | Python, Flask   *May 2021 – Present*
- o Solves typical dilemmas using RNG in multiple servers, totaling 100+ users, with a 5-star user feedback.
- o Features also include checking compatibility of two names and suggesting random names using APIs.
- o 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*
- o Developed a Python program with an elaborate GUI to manage and track library books in circulation.
- o Programmed a SQL database to store and retrieve member credentials.
- o 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
- o Built an application that displays recipes made with matching user-entered ingredients with a GUI using Swing.
- o Programmed and managed the project's database; used an online SQL database to store 50+ recipes.
- o Categorized recipes with vegan, vegetarian and lactose-free labels for a comprehensive list of recommendations.
- o 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, React, Node.js, Express.js, Flask, 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)