Thaneesh B. Krishnasamy

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EDUCATION

Georgia Institute of Technology   Atlanta, GA
Bachelor of Science in Computer Science, GPA: 4.0/4.0   *August 2021 – December 2024*
   o **Concentrations**: Intelligence, Systems and Architecture
   o **Relevant Coursework**: Data Structures & Algorithms, Computer Organization and Programming, Object Oriented Programming, Linear Algebra

EXPERIENCE

HexLabs, Inc.   Atlanta, GA
Software Engineer, Tech Team   *December 2021 – Present*
   o Revamping the registration system and admin dashboard for hackathons (HackGT, BuildGT, HackGTeeny etc.).
   o Building HexLabs' new backend API with multiple services such as check-in, registration, profiles, and events.
   o Using React, Express, Node, MongoDB, and GraphQL to develop web projects.

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.

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 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)