

THANEESH B. KRISHNASAMY

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EDUCATION

Georgia Institute of Technology

August 2021 – December 2024

Bachelor of Science in Computer Science - GPA - 4.0/4.0

Atlanta, GA

Concentrations: Intelligence, Systems and Architecture

Relevant Coursework: Data Structures and Algorithms, Computer Organization and Programming, Object Oriented Programming, Linear Algebra

EXPERIENCE

Innovation Lab, NCR Corporation

May 2022 – Present

Incoming Software Engineer Intern

Atlanta, GA

- Machine Learning Team.

HexLabs, Inc.

December 2021 – Present

Software Engineer

Atlanta, GA

- Revamping the registration system and admin dashboard for university-wide hackathons.
- Building HexLabs' new backend API with multiple services such as check-in, registration, profiles, and events.
- Using React, Express, Node, MongoDB, and GraphQL to develop web projects.

IT Board, Georgia Tech Student Government Association

September 2021 – January 2022

Backend Developer, Course Critique Team

Atlanta, GA

- 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 course and professor information.

PROJECTS

Caproxy | ReactJS, Solidity, Blockchain

March 2022 – Present

- Blockchain application that allows users to perform transactions on the Ethereum network.
- Uses a React frontend, Solidity smart contracts and MetaMask to interact with the blockchain.

DreddIT | ReactJS, Flask, NLP, RedditAPI

January 2022 – Present

- Performs sentiment analysis on the comments of a user-entered number of posts within a searched subreddit.
- Generates plots describing the frequency and sentiment of words, displayed on a React application served by a Flask backend.

DayMaker | Backend Developer | ReactJS, Express.js, Node.js, Google Cloud API's

October 2021

- Web application that automatically creates Google Calendar events based on fed documents.
- Uses Google Cloud's NLP and DocumentAI API's to extract dates and relevant titles.
- Awarded **Best Use of Google Cloud 1st Place** at HackTX 2021.

Might Bite | Backend Developer | Java, Swing, MySQL

April 2019 – June 2019

- Built an application that displays recipes made with matching user-entered ingredients.
- Programmed and managed the project's database; used an online SQL database to store 50+ recipes.
- Improved dining hall's efficiency by 200% and was used by 20+ faculty members & 50+ students.

TECHNICAL SKILLS

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

Technologies/Frameworks: PostgreSQL, MongoDB, ReactJS, Redux, NextJS, NodeJS, ExpressJS, Flask, Postman, AWS, Docker, MATLAB, LaTeX, Git

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