




THANEESH B. KRISHNASAMY

Atlanta, GA

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EDUCATION

Georgia Institute of Technology

M.S. in Computer Science, Machine Learning, Cumulative GPA: 4.0

January 2025 - December 2025

Atlanta, GA

Georgia Institute of Technology

B.S. in Computer Science, Cumulative GPA: 3.96 / Major GPA: 4.0

August 2021 - December 2024

Atlanta, GA

Concentrations: Artificial Intelligence, Systems/Architecture

Relevant Coursework: Algorithms Honors, Data Structures, Operating Systems, High Performance Architecture, Machine Learning, Artificial Intelligence, Systems & Networks, Computer Organization, Combinatorics, Statistics

Leadership: Teaching Assistant for Operating Systems (August 2023 - December 2024)

EXPERIENCE

Meta Platforms, Inc.

Software Engineer Intern

May 2025 – Present

Menlo Park, CA

- Developing an XGBoost-based classifier to identify user accounts engaging in illicit content across Meta platforms
- Engineering feature importance ranking and selection strategies to improve model interpretability and reduce false positives in safety-critical decisions
- Achieved up to 10% improvement in AUC over existing models for several harms, increasing detection accuracy

Nutanix, Inc.

Software Engineer Intern

May 2024 – August 2024

San Jose, CA

- Developed test infrastructure ensuring seamless integration of new CPUs with Nutanix's hypervisor AHV using Python and shell scripting
- Automated the testing of CPU PState, CState, and thermal attributes, significantly reducing manual testing efforts
- Contributed to the development of a read-only root hypervisor using overlayfs, improving system security and stability

Ibotta, Inc.

Software Engineer Intern

May 2023 – August 2023

Denver, CO

- Developed interactive dashboards for retailers with performance data on their offers on Ibotta's cash back platform
- Leveraged several AWS tools such as Lambdas, DynamoDB, SQS/SNS and optimized API to reduce E2E latency
- Led the integration of benchmarking functionality into the dashboards, enabling retailers to compare the performance of their offers with similar categories of other retailers, driving increased budget allocation projected at 120%

Georgia Tech High Performance Architecture Lab

Undergraduate Research Assistant

January 2023 – May 2024

Atlanta, GA

- Built a simulator to model the performance of GPU-Initiated SSD Access architectures, including micro-architectural behaviors and per-request metrics
- Implemented an SSD-based block I/O scheduler with higher bandwidth than traditional Out of Order algorithms for compute-intensive workloads by 7%
- The queuing architecture uses red black trees at chip granularity to reduce cross block penalty and GC overhead

NCR Corporation

Software Engineer Intern

May 2022 – August 2022

Atlanta, GA

- Built cloud-native middleware and client-side services for forecourt services, such as OPT keypad, on GCP.
- Reduced terminal update times from days to under 1s across gas stations via scalable, multi-tenant APIs for deployment

PROJECTS

HexLabs: Led the technology team, building dozens of full-stack portals for registration, judging, financing etc. that power university-wide hackathons like HackGT, reaching 4000+ students and managing \$200K+ annually

DayMaker: Full-stack web application that automatically creates Google Calendar events from uploaded documents, using a custom trained NER model to extract dates and relevant titles. The project was awarded **Best Use of Google Cloud 1st Place** at HackTX 2021

xInst: A compiler written in C++ for Little, a simple domain-specific language to generate x86 code

TECHNICAL SKILLS

Languages: Python, Java, C/C++, JavaScript, TypeScript, Go, C#, Solidity, HTML/CSS

Frameworks: ReactJS, React Native, Redux, Node.js, Express.js, Next.js, NestJS, Flask

Technologies: SQL, MongoDB, Postman, AWS, Docker, MATLAB, LaTeX, NumPy, Scikit-learn, Matplotlib, Pandas, Keras, NLTK, OpenAI Gym, Git, Linux