In Kee Kim

Current Position:	Associate Professor, University of Georgia
Address:	802 Boyd GSRC, D. W. Brooks Drive, Athens, GA 30602
Phone:	(706) 542-2911
Email:	inkee.kim@uga.edu
Website:	https://inkeekim.github.io/

Research Interests

My research focuses on optimizing computing systems across edge-to-cloud continuum, with emphasis on:

- **Edge AI**: Model compression, AI scheduling, and AI multi-tenancy for resource-constrained devices
- **Performance Engineering**: Reproducible benchmarking and predictive models for edge-cloud systems
- **Distributed/Cloud Computing**: Edge-cloud collab., serverless workflows, and adaptive resource allocation
- **System Optimization**: Hardware-aware algorithms and SW/HW co-design for edge inference acceleration
- **Sustainable IoT Systems**: Energy-efficient edge computing and environmental monitoring applications

Academic Appointment

2024 – Current	Associate ('24 -), Assistant ('18 - '24) Professor, School of Computing, *University of Georgia*
2018 – Current	Affiliated Faculty, Institute for Artificial Intelligence, *University of Georgia*
2022 – Current	Affiliated Faculty, Institute for Integrative Precision Agriculture, *University of Georgia*

Education

Ph.D.	Computer Science, University of Virginia
M.S.	Computer Science and Engineering, Inha University
B.S.	Computer Science and Engineering, Inha University

Publications

REFEREED CONFERENCE PUBLICATIONS

C1. Ting Jiang, Jianwei Hao, Sushruth Harsha, Rakandhiya D. Rachmanto, Arief Setyanto, Lakshmish Ramaswamy, In Kee Kim, **Convergo: Multi-SLO-Aware Scheduling for Heterogeneous AI Accelerators on Edge Devices**. *In the Proceedings of the International Conference on Edge Computing and Communications (EDGE)*, 2025.

C2. Devjyoti Chakraborty, Kriti Ghosh, Zaki Sukma, In Kee Kim, Lakshmish Ramaswamy, Suchendra Bhandarkar, Deepak Mishra, **An Empirical Evaluation of the Impact of Solar Correction in NeRFs for Satellite Imagery**. *In the Proceedings of the International Conference on Pattern Recognition (ICPR)*, 2024.

C3. Rakandhiya D. Rachmanto, Zaki Sukma, Ahmad N. L. Nabhaan, Arief Setyanto, Ting Jiang, In Kee Kim, **Characterizing Deep Learning Model Compression with Post-Training Quantization on Accelerated Edge Devices**. *In the Proceedings of the IEEE International Conference on Edge Computing and Communications (EDGE)*, 2024. [**Best Paper Award**].

C4. Martin L. Putra, In Kee Kim, Haryadi S. Gunawi, Robert L. Grossman, **CNT: Semi-Automatic Translation from CWL to Nextflow for Genomic Workflows**. *In the Proceedings of the 23rd IEEE International Conference on Bioinformatics and Bioengineering (BIBE)*, 2023.

C5. Jianwei Hao, M. Emmanuel Oni, In Kee Kim, Lakshmish Ramaswamy, **DynaES: Dynamic Energy Scheduling for Energy Harvesting Environmental Sensors**. *In the Proceedings of the 42nd IEEE International Performance Computing and Communications Conference (IPCCC)*, 2023.

C6. Jianwei Hao, Rajneesh Sharma, Mary B. Fleming, In Kee Kim, Deepak Mishra, Sonny Kim, Lori Sutter, Lakshmish Ramaswamy, **Toward Low-Cost and Sustainable IoT Systems for Soil Monitoring in Coastal Wetlands**. *In the Proceedings of the 14th IEEE International Conference on Collaboration and Internet Computing (CIC)*, 2023.

C7. Sen He, In Kee Kim, Wei Wang, **A Study of Java Microbenchmark Tail Latencies**. *In the Proceedings of the 14th ACM/SPEC International Conference on Performance Engineering (ICPE)*, 2023.

C8. Vinodh K. Jayakumar, Shivani Arbat, In Kee Kim, Wei Wang, **CloudBruno: A Low-Overhead Online Workload Prediction Framework for Cloud Computing**. *In the Proceedings of the 10th IEEE International Conference on Cloud Engineering (IC2E)*, 2022.

C9. Kaustubh R. Rajput, Chinmay D. Kulkarni, Byungjin Cho, Wei Wang, In Kee Kim, **EdgeFaaSBench: Benchmarking Edge Devices Using Serverless Computing**. *In the Proceedings of the 2022 IEEE International Conference on Edge Computing and Communications (EDGE 2022)*, 2022.

C10. Shivani Arbat, Vinodh K. Jayakumar, Jaewoo Lee, Wei Wang, In Kee Kim, **Wasserstein Adversarial Transformer for Cloud Workload Prediction**. *In the Proceedings of the 34th Annual Conference on Innovative Applications of Artificial Intelligence (IAAI)*, 2022.

C11. Sen He, Tianyi Liu, Palden Lama, Jaewoo Lee, In Kee Kim, Wei Wang, **Performance Testing for Cloud Computing with Dependent Data Bootstrapping**. *In the Proceedings of the 36th IEEE/ACM International Conference on Automated Software Engineering (ASE)*, 2021.

C12. Piyush Subedi, Jianwei Hao, In Kee Kim, Lakshmish Ramaswamy, **AI Multi-Tenancy on Edge: Concurrent Deep Learning Model Executions and Dynamic Model Placements on Edge Devices**. *In the Proceedings of the 14th IEEE International Conference on Cloud Computing (IEEE CLOUD)*, 2021.

C13. Jianwei Hao, Ting Jiang, Wei Wang, In Kee Kim, **An Empirical Analysis of VM Startup Times in Public IaaS Clouds**. *In the Proceedings of the 14th IEEE International Conference on Cloud Computing (IEEE CLOUD)*, 2021.

C14. Omid Setayeshfar, Karthika Subramani, Xingzi Yuan, Raunak Dey, Dezhi Hong, Kyu Hyung Lee, In Kee Kim, **ChatterHub: Privacy Invasion via Smart Home Hub**. *In the Proceedings of the 7th IEEE International Conference on Smart Computing (SMARTCOMP)*, 2021.

C15. Vinodh K. Jayakumar, Jaewoo Lee, In Kee Kim, Wei Wang, **A Self-Optimized Generic Workload Prediction Framework for Cloud Computing**. *In the Proceedings of the 34th IEEE International Parallel & Distributed Processing Symposium (IPDPS)*, 2020.

C16. In Kee Kim, Dongmei Yan, B. Brian Park, Jianhua Guo, **Traffic Flow Insight: A Novel Online Ensemble Model for Short-Term Traffic Volume Prediction**. *In the Proceedings of the 98th TRB Annual Meeting (TRB)*, 2019.

C17. In Kee Kim, Jinho Hwang, Wei Wang, Marty Humphrey, **Orchestra: Guaranteeing Performance SLAs for Cloud Applications by Avoiding Resource Storms**. *In the Proceedings of the 17th IEEE International Symposium on Parallel and Distributed Computing (ISPDC)*, 2018.

C18. In Kee Kim, Wei Wang, Yanjun Qi, Marty Humphrey, **CloudInsight: Utilizing a Council of Experts to Predict Future Cloud Application Workloads**. *In the Proceedings of the 11th IEEE International Conference on Cloud Computing (IEEE CLOUD)*, 2018. [**Best Student Paper Nominee**].

C19. In Kee Kim, Sai Zeng, Christopher Young, Jinho Hwang, Marty Humphrey, **iCSI: A Cloud Garbage VM Collector for Addressing Inactive VMs with Machine Learning**. *In the Proceedings of the IEEE International Conference on Cloud Engineering (IC2E)*, 2017.

C20. In Kee Kim, Sai Zeng, Christopher Young, Jinho Hwang, Marty Humphrey, **A Supervised Learning Model for Identifying Inactive VMs in Private Cloud Data Centers**. *In the Proceedings of the 17th ACM/IFIP/USENIX International Middleware Conference (Middleware)*, 2016.

C21. In Kee Kim, Wei Wang, Yanjun Qi, Marty Humphrey, **Empirical Evaluation of Workload Forecasting Techniques for Predictive Cloud Resource Scaling**. *In the Proceedings of the 9th IEEE International Conference on Cloud Computing (IEEE CLOUD)*, 2016.

C22. In Kee Kim, Jacob Steele, Anthony Castronova, Jonathan Goodall, Marty Humphrey, **WDCloud: An End to End System for Large-Scale Watershed Delineation on Cloud**. *In the Proceedings of the IEEE International Conference on Big Data (BigData)*, 2015.

C23. In Kee Kim, Wei Wang, Marty Humphrey, **PICS: A Public IaaS Cloud Simulator**. *In the Proceedings of the 8th IEEE International Conference on Cloud Computing (IEEE CLOUD)*, 2015.

C24. Arkaitz Ruiz-Alvarez, In Kee Kim, Marty Humphrey, **Toward Optimal Resource Provisioning for Cloud MapReduce and Hybrid Cloud Applications**. *In the Proceedings of the 8th IEEE International Conference on Cloud Computing (IEEE CLOUD)*, 2015.

C25. In Kee Kim, Jacob Steele, Yanjun Qi, Marty Humphrey, **Comprehensive Elastic Resource Management to Ensure Predictable Performance for Scientific Applications on Public IaaS Clouds**. *In the Proceedings of the 7th IEEE/ACM International Conference on Utility and Cloud Computing (UCC)*, 2014.

C26. Marty Humphrey, Jacob Steele, In Kee Kim, Michael Kahn, Jessica Bondy, Micheal Ames, **CloudDRN: A Lightweight, End-to-End System for Sharing Distributed Research Data in the Cloud**. *In the Proceedings of the 9th IEEE International Conference on eScience (IEEE eScience)*, 2013.

C27. Sung-Ho Jang, In Kee Kim, Jong Sik Lee, **Node Availability-Based Congestion Control Model Using Fuzzy Logic for Computational Grid**. *In the Proceedings of the IEEE International Conference on Future Generation Communication and Networking (FGCN)*, 2007

C28. In Kee Kim, Jong Sik Lee, **Resource Demand Prediction-Based Grid Resource Transaction Network Model in Grid Computing Environment**. *In the Proceedings of the International Conference on Computational Science and Its Applications (ICCSA)*, 2006

REFEREED JOURNAL PUBLICATIONS

J1. Arief Setyanto, Theopilus B. Sasongko, Muhammad A. Fikri, Dhani Ariatmanto, I Made A. Agastya, Rakandhiya D. Rachmanto, Affan Ardana, In Kee Kim, **Knowledge Distillation in Object Detection for Resource-Constrained Edge Computing**. *IEEE Access*, Vol. 13, pp 18200–18214, 2025

J2. Hyejin Cha, In Kee Kim, Taeseok Kim, **Using a Random Forest to Predict Quantized Reuse Distance in an SSD Write Buffer**. *Springer Computing*, Vol. 106, pp 3967–3986, 2024

J3. Arief Setyato, Theopilus B. Sasongko, Muhammad A. Fikri, In Kee Kim, **Near-Edge Computing Aware Object Detection: A Review**. *IEEE Access*, Vol. 12, pp 2989–3011, 2024

J4. Jianwei Hao, Piyush Subedi, Lakshmish Ramaswamy, In Kee Kim, **Reaching for the Sky: Maximizing Deep Learning Inference Throughput on Edge Devices with AI Multi-tenancy**. *ACM Transactions on Internet Technology*, Vol. 23, No. 1, pp 1–33, 2023

J5. Omid Setayeshfar, Karthika Subramani, Xingzi Yuan, Raunak Dey, Dezhi Hong, In Kee Kim, Kyu Hyung Lee, **Privacy Invasion via Smart-Home Hub in Personal Area Networks**. *Pervasive and Mobile Computing*, Vol 85, pp 101675, 2022.

J6. In Kee Kim, Wei Wang, Yanjun Qi, Marty Humphrey, **Forecasting Cloud Application Workloads with CloudInsight for Predictive Resource Management**. *IEEE Transactions on Cloud Computing*, Vol. 10, Issue 3, pp 1848–1863, 2022.

J7. In Kee Kim, Jinho Hwang, Wei Wang, Marty Humphrey, **Guaranteeing Performance SLAs of Cloud Applications under Resource Storms**. *IEEE Transactions on Cloud Computing*, Vol. 10, Issue 2, pp 1329–1343, 2022.

J8. In Kee Kim, Sung Ho Jang and Jong Sik Lee, **Adaptive and Mobility-based Communication Data Management in High-Performance Distributed Computing**. *SIMULATION: Transactions of The Society for Modeling and Simulation International*, Vol. 83, No. 7, pp 529 – 547, 2007.

REFEREED WORKSHOP PUBLICATIONS

W1. Jianwei Hao, Piyush Subedi, In Kee Kim, Lakshmish Ramaswamy, **Characterizing Resource Heterogeneity in Edge Devices for Deep Learning Inferences**. *In ACM International Workshop on System and Network Telemetry and Analytics (ACM SNTA@HPDC)*, 2021.

W2. In Kee Kim, Sung Ho Jang and Jong Sik Lee, **QLP-LBS: Quantization and Location Predictionbased LBS for Reduction of Location Update Costs**. *In International Workshop on Ubiquitous Processing for Wireless Networks (UPWN@ISPA)*, 2007.

W3. In Kee Kim, Sung Ho Jang and Jong Sik Lee, **In Adaptive Distance Filter-based Traffic Reduction for Mobile Grid**. *International Workshop on Mobile Distributed Computing (MDC@ICDCS)*, 2007.

W4. In Kee Kim, Sung Ho Jang and Jong Sik Lee, **In Adaptive Quantization-based Communication Data Management for High-Performance Geo-computation in Grid Computing**, *International Workshop on High Performance Geo-computation (HPG@GCC)*, 2006.

MISCELLANEOUS (ARXIV, EXTENDED ABSTRACT) PUBICATIONS

M1. Rajneesh Sharma, Jianwei Hao, Mary B. Fleming, Deepak Mishra, In Kee Kim, Sung-Hee Kim, Lakshmish Ramaswamy, Lori Sutter, **Low-Cost Sensors to Monitor Soil Organic Matter in Salt Marshes**. *In GCE (Georgia Coastal Ecosystem) LTER Annual Meeting*, 2023.

M2. In Kee Kim, Lakshmish Ramaswamy, **Towards High-Performance AI Operations at the Edge**. *In Air Force DAF & AI Forum*, 2022.

M3. Rajneesh Sharma, Jianwei Hao, Deepak Mishra, In Kee Kim, Sung-Hee Kim, Lakshmish Ramaswamy, Lori Sutter. **Cyberinfrastructure to Monitor Soil Organic Matter in Salt Marshes of the Georgia Coast**. *In NSF 2022 All Scientists' Meeting LTER (long term ecological research)*, 2022.

M4. Rajneesh Sharma, Jianwei Hao, Sung-Hee Kim, Lakshmish Ramaswamy, Deepak Mishra, In Kee Kim, Lori Sutter. **SitS AweSOMSense: Multi-modal Sensing and Analytics Framework for Modelling Belowground SOM in Salt Marsh Wetlands**. *In the Second Principal Investigators Workshop for Signals in the Soil (SitS)*, 2022.

M5. Jianwei Hao, Ting Jiang, Wei Wang, In Kee Kim, **An Empirical Analysis of VM Startup Times in Public IaaS Clouds: Extended Report**. *arXiv*, 2021.

M6. Jonathan L. Goodall, Mehmet B. Ercan, Anthony M. Castronova, Marty Humphrey, Norm Beekwilder, Jacob Steele, In Kee Kim, **Using the Cloud to Speed-up Calibration of Watershed-scale Hydrologic Models (Invited)**. *In AGU Fall Meeting*, 2013.

Talks/Seminar

S1. **Toward High-Throughput, Resource-Efficient, and SLO-Aware Edge Intelligence**. *Seminar Series in CSE department at Universitas Gadjah Mada*, Jul. 2025.

S2. **Towards High-Performance AI Operations at the Edge**. *Seminar Series in Agricultural Data Science at UGA*, Nov. 2022.

S3. **AI Systems: From Cloud to Edge**. *RAIL STEAM Integrated Robotics Workshop*, Jul. 2022.

S4. **EdgeFaaSBench: Benchmarking Edge Devices Using Serverless Computing**. *IEEE Edge Conference*, Jul. 2022.

S5. **CloudInsight: Utilizing a Council of Experts to Predict Future Cloud Application**. *IEEE CLOUD Conference*, Jul. 2018.

S6. **Towards Predictable Cloud Systems**. *Argonne National Laboratory*, Mar. 2018

S7. **Towards Predictable Cloud Systems**. *IBM T.J. Watson Research Center*, Sep. 2017

S8. **iCSI: A Cloud Garbage VM Collector for Addressing Inactive VMs with Machine Learning**. *IEEE IC2E Conference*, Apr. 2017

S9. **CSI^2: Cloud Server Idleness Identifier**. *IBM TJ Watson Research Center*, Aug. 2016

S10. **Empirical Evaluation of Workload Forecasting Techniques for Predictive Cloud Resource Scaling**. *IEEE CLOUD Conference*, Jul. 2016

S11. **WDCloud: An End to End System for Large-Scale Watershed Delineation on Cloud**. *IEEE BigData Conference*, Nov. 2015

S12. **PICS: A Public IaaS Cloud Simulator**. *IEEE CLOUD Conference*, Jun. 2015

S13. **Toward Optimal Resource Provisioning for Cloud MapReduce and Hybrid Cloud Applications**. *IEEE CLOUD Conference*, Jun. 2015

S14. **Comprehensive Elastic Resource Management to Ensure Predictable Performance for Scientific Applications on Public IaaS Clouds**. *IEEE/ACM UCC Conference*, Dec. 2014

Teaching

T1. CSCI 4795/6795: **Cloud Computing** (Spring semester every year from 2019 to now)
T2. CSCI 8795: **Advanced Topics in Cloud Computing** (Fall semester every year from 2019 to 2023)
T3. CSCI 4730/6730: **Operating Systems** (Fall 2021, Fall 2023, Fall 2024, Spring 2025, Fall 2025)
T4. CSCI 8000: **Advanced Topics in Computing** (Fall 2018)

Services and Other Activities

Track Co-Chair:

1. 2024 IEEE **Cloud Summit** conference, Algorithm and Software Track

Publicity Chair:

2. 2019 ACM International Workshop on System and Network Telemetry and Analytics (**SNTA'19**)

Student Outreach Committee:

3. 2021 International Conf. for High Performance Computing, Networking, Storage, and Analysis (**SC'21**)

Program Committee:

4. Annual AAAI Conference on Artificial Intelligence (**AAAI**), 2026
5. IEEE International Conference on Distributed Computing Systems (**ICDCS**), 2025
6. IEEE International Conference on Cloud Computing (**CLOUD**), 2019 – 2025
7. IEEE International Conference on Edge Computing and Communications (**EDGE**), 2023 – 2025
8. IEEE/ACM International Conference on Utility and Cloud Computing (**UCC**), 2020 – 2024
9. IEEE/ACM International Symposium on Cluster, Cloud and Internet Computing (**CCGrid**), 2019, 2020, 2024

10. IEEE International Conference on Cloud Computing Technology and Science (**CloudCom**), 2019, 2020, 2022 – 2024
11. ACM International Workshop on System and Network Telemetry and Analytics (**SNTA**), 2019 – 2024
12. International Workshop on Big Data and Machine Learning for Networking (**BDMLN**), 2024
13. International Workshop on Virtual and Augmented Reality Software Engineering (**VARS**), 2022, 2024
14. IEEE/ACM International Conference on Big Data Computing, Applications and Technologies (**BDCAT**), 2020 – 2023
15. ACM/IEEE Conference on Internet of Things Design and Implementation (**IoTDI**), 2021, 2022
16. IEEE International Conference on Cloud Engineering (**IC2E**), 2019, 2020
17. IEEE International Conference on Fog and Edge Computing (**ICFEC**), 2020

Journal Review Editor, Guest Editor:

18. Lead Guest Editor (w/ Dr. Lakshmish Ramaswamy and Dr. Avinash Kalyanaraman), Special Issue "**AI, IoT, and Edge Computing for Sustainable Smart Cities**". *MDPI Systems*, 2023.
19. Review Editor, *Frontiers in High Performance Computing*, 2023 – current.

Journal Reviewer:

20. ACM Computing Surveys
21. ACM Transactions on Knowledge Discovery from Data
22. ACM Transactions on Modeling and Performance Evaluation of Computing Systems
23. ACM Transactions on Sensor Networks
24. IEEE Consumer Electronics Magazine
25. IEEE Internet of Things Journal
26. IEEE Network Magazine
27. IEEE Transactions on Parallel and Distributed Systems
28. IEEE Transactions on Services Computing
29. IEEE Transactions on Cloud Computing
30. Computer Networks (Elsevier)
31. Future Generation Computing Systems (Elsevier)
32. Journal of Parallel and Distributed Computing (Elsevier)
33. Automated Software Engineering (Springer)
34. Computing (Springer)
35. Integration the VLSI Journal (Springer)
36. Journal of Big Data (Springer)
37. Journal of Cloud Computing (Springer)
38. Journal of Grid Computing (Springer)
39. Concurrency and Computation: Practice and Experience (Wiley)
40. Software: Practice and Experience (Wiley)
41. Journal of Transportation Engineering: Part A – System (ASCE)

Proposal Review:

42. 2025 NSF Panelist, CISE CNS Program
43. 2024 NSF Panelist, CISE OAC Program I, II, III
44. 2023 NSF Panelist, CISE OAC Program I, II
45. 2022 NSF Panelist, CISE OAC (Office of Advanced Cyberinfrastructure)

Other Research Community Acticity:

46. **Open Source Project Mentoring**: 2024 OSRE, Summer of Reproducibility (SoR), Mentor for "Scalable and Reproducible Performance Benchmarking of Genomics Workflows"

47. **Open Source Project Mentoring**: 2023 Open Source Research Experience (OSRE) and Google Summer of Code (GSOC), Mentor for "Reproducible Analysis & Models for Predicting Genomics Workflow Execution Time"

Departmental/University Service:

d1. Faculty Mentor in UGA Mentor Program, 2019 – current
d2. Departmental Research Event Committee (Chair), 2025 – current
d3. Departmental Graduate Program and Curriculum Committee, 2019 – current
d4. Departmental Graduate Admission Committee, 2019 – current
d5. Departmental Research Event Committee, 2019 – 2024
d6. School of Computing Director Search Committee, 2022 – 2023
d7. Faculty Search Committee (AI and ML in IoT), 2022 – 2023
d8. Faculty Search Committee (AI and ML in Embedded Systems), 2022 – 2023
d9. School of Computing Research Committee, 2023 – 2024
d10. Bylaw Committee for Drafting New Faculty Evaluation Guideline, 2023
d11. Departmental Strategic Planning Committee, 2023 – 2024
d12. Departmental Ranking Committee, 2019 – 2024

Advising

Student Awards/Recognitions:

- Rakandhiya Rachmanto, Zaki Sukma, Ting Jiang, 2024, Best Paper Award, IEEE EDGE 2024
- Sushruth Harsha, 2024, Outstanding Graduate TA Award, School of Computing
- Sushruth Harsha, 2023, Outstanding Teaching Assistant (OTA) Award, University of Georgia
- Jianwei Hao, 2022, Outstanding Graduate Student Research Award, Dept. of Computer Science
- Andrew H. Burns, 2022, Undergraduate Research Scholarship ($1,250), Dept. of Computer Science
- Ting Jiang, Jacob Stein, Jianwei Hao, 2022, 3rd Place in Research Competition in CS Research Day
- Samuel D. Vickers, 2020, Undergraduate Research Scholarship ($1,250), Dept. of Computer Science
- Lei Xian, 2019, Grace Hopper Celebration (GHC) Scholarship

Ph.D. Student (Current and Alumni):

1. Ting Jiang, 2019 – current, University of Maryland, CS dept, Lecturer
2. Sushruth Harsha, 2021 – current
3. Devjyoti Chakraborty, 2023 – current
4. Zaki Indra Sukma, 2024 – current
5. Rakandhiya Rachmanto, 2024 – current
6. Priyanka Shrestha, 2025 – current
7. Jianwei Hao, 2019 – 2024, Current: Assistant Professor of Computer Science, Governors State Univ., IL

Master Students with Thesis (Current and Alumni):

8. Bandhan Patel, 2024 – current, Computer Science
9. Aaditya Mankar, 2024 – current, Computer Science
10. Zaki Indra Sukma, 2023 – 2024, Artificial Intelligence, Current: Ph.D. student at University of Georgia
11. Gabriela Adams, 2022 – 2023, Artificial Intelligence, Current:
12. Kaustubh Rajput, 2019 – 2021, Computer Science, Current: NCR Cooperation
13. Piyush Subedi, 2019 – 2021, Computer Science, Current: Google
14. Shivani Arbat, 2019 – 2021, Computer Science, Current: ADP

Master Students with Project (Current and Alumni):

15. Siddhi Chitgopkar, 2024 – 2025, Computer Science, Current: Ernst & Young
16. Vinaya Birajdar, 2023 – 2025, Computer Science, Current: UGA Terry College of Business
17. Avani Pathak, 2024 – 2025
18. Sharvani Chelumalla, 2023 – 2025
19. Supriya Edamalapati, 2023 – 2024
20. Revanth Koganti, 2023 – 2024
21. Dinesh Sai Bodala, 2023 – 2024, Computer Science, Current: KLA Cooperation
22. Kevin J. Nyquist, 2023 – 2024, Computer Science, Current: FinThrive
23. Jaya Simha Reddy Kurri, 2023 – 2024
24. Emmanuel Oni, 2021 – 2023, Computer Science, Current: Google
25. Chinmay Kulkarni, 2019 – 2021, Computer Science, Current: SpotOn
26. Chinmay Deosthali, 2019 – 2021, Computer Science, Current: NCR Cooperation
27. Radhika Bhavsar, 2019 – 2020, Computer Science, Current: NCR Cooperation
28. Akanksha Raina, 2019 – 2020, Computer Science, Current: Strategic Innovative Solutions
29. Srujana Malisetti, 2019 – 2020, Computer Science, Current: New York Life Insurance Company
30. Lei Xian, 2018 – 2019, Computer Science, Current: Doordash

Undergraduate Students (Current and Alumni):

31. Rayan Batada, 2025 – current
32. Sebastian Wu, 2025 – 2025, current: Interactive Computing at Georgia Tech
33. Nikolas Lagesen, 2024 – 2024
34. Jacob Stein, 2022 – 2023
35. Sakshi Gandikota, 2023, current: ECE program at Georgia Tech
36. Samin Sayani, 2023
37. Andrew H. Burns, 2022
38. Maximilian L. Ratmeyer, 2022, Current: CS program at Georgia Tech
39. Samuel Jackson, 2021
40. Arushi Dhillon, 2021, Current: BS Student at Emory University
41. Samuel Vickers, 2019 – 2020, First Employment: NCR Cooperation
42. Zeezoo Ryu, 2020 – 2021, CS Ph.D. student at Georgia Tech
43. Jebin Joseph, 2019 – 2020, Current: Home Depot

Ph.D. Dissertation Committee:

44. Kriti Ghosh, Computer Science, 2024 – current
45. Yousef Alshehri, Computer Science, 2023 – 2025
46. Jumana Alsubhi, Computer Science, 2023 – 2024
47. Abdulrahman Gharawi, Computer Science, 2022 – 2024
48. Nazish Tahir, Computer Science, 2022 – 2024
49. Shihan Ma, College of Engineering, 2022 – 2024
50. Dr. Omid Setayeshfar, Computer Science, 2019 – 2022
51. Dr. Xingzi Yuan, Computer Science, 2019 – 2022
52. Dr. Seyedehnarges T. Yaghoubi, College of Engineering, 2019 – 2022

Master Thesis Committee:

53. Tejas Shinde, Computer Science, 2025 – Current
54. Ellemieke Van Kints, Artificial Intelligence, 2023 – 2025
55. Eric Miller, Artificial Intelligence, 2022 – 2023

56. Evan Johnston, Computer Science, 2022 – 2023
57. Caleb Franklin Crumley, Computer Science, 2021 – current
58. Abhilash Yeshwant Dorle, Computer Science, 2019 – 2020

External Thesis/Dissertation Committee:

59. Martin Putra, Computer Science, University of Chicago, 2022 – current
60. Dr. Sen He, Computer Science, University of Texas at San Antonio, 2021 – 2022

Awards and Recognitions

A1. Best Paper Award, IEEE EDGE 2024
A2. Student Career Success Influencer Award, UGA Career Center 2022, 2023, 2024
A3. Best Student Paper Nominee, IEEE CLOUD 2018
A4. Brain Korea 21 (BK-21) Scholarship, Korea Research Foundation, 2006
A5. Graduate Research Scholarship, Graduate School of Engineering, Inha University, 2005 – 2006

– Last updated: July. 31, 2025