

Weina Wang

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RESEARCH INTERESTS

applied probability, stochastic systems, queueing theory, multi-armed bandits, game theory
orchestration of large-scale computing systems, cloud computing, data privacy

PROFESSIONAL EXPERIENCE

Carnegie Mellon University, Pittsburgh, Pennsylvania
Assistant Professor, Computer Science Department, Aug. 2018 – Present

University of Illinois at Urbana-Champaign, Urbana, Illinois
Coordinated Science Lab
& **Arizona State University**, Tempe, Arizona
School of Electrical, Computer, and Energy Engineering
Postdoc, Aug. 2016 – Jul. 2018

EDUCATION

Arizona State University, Tempe, Arizona
Ph.D., Electrical Engineering, 2016
Advisors: Prof. Lei Ying, Prof. Junshan Zhang

Iowa State University, Ames, Iowa
Ph.D. Student, Jul. 2011 – Jul. 2012
Department of Electrical and Computer Engineering
Advisor: Prof. Lei Ying

Tsinghua University, Beijing, China
Graduate Student, Sep. 2009 – Jun. 2011
Department of Electrical Engineering

Tsinghua University, Beijing, China
B.E., Electrical Engineering, 2009
Academic Talent Program in School of Sciences

HONORS AND AWARDS

ACM SIGMETRICS Rising Star Research Award, 2023

Best Paper Award, ACM MobiHoc, 2022
Coauthors: Tuhinangshu Choudhury and Gauri Joshi

Invited Speaker at Stochastic Networks Conference, 2022
(Postponed from 2020 due to Covid-19)

N2Women: Rising Stars in Computer Networking and Communications, 2019

Kenneth C. Sevcik Outstanding Student Paper Award, ACM Sigmetrics, 2016
Coauthors: Lei Ying and Junshan Zhang

Dean's Dissertation Award, Arizona State University, 2016
Awarded to one recipient for each school

Invited participant, Rising Stars in ECEE Workshop
Carnegie Mellon University, 2016

Invited participant, NSF NeTS Early Career Workshop, 2015

Joseph A. Barkson Fellowship, Arizona State University, 2015

CONFERENCE PUBLICATIONS

- C35 Yige Hong, Qiaomin Xie, Yudong Chen, and Weina Wang, "Restless Bandits with Average Reward: Breaking the Uniform Global Attractor Assumption," *NeurIPS*, Dec. 2023. <https://arxiv.org/abs/2306.00196>
Spotlight Paper
- C34 Honghao Wei, Xin Liu, Weina Wang, and Lei Ying, "Sample Efficient Reinforcement Learning in Mixed Systems Through Augmented Samples and Its Applications to Queuing Networks," *NeurIPS*, Dec. 2023. <https://arxiv.org/abs/2305.16483>
Spotlight Paper
- C33 Yige Hong, Qiaomin Xie, and Weina Wang, "Near-Optimal Stochastic Bin-Packing in Large Service Systems with Time-Varying Item Sizes," *ACM SIGMETRICS*, 2024. <https://arxiv.org/abs/2209.04123>
- C32 Neharika Jali, Guannan Qu, Weina Wang, Gauri Joshi, "Efficient Reinforcement Learning for Routing Jobs in Heterogeneous Queuing Systems", *AISTATS*, 2024.
- C31 Jalani K. Williams, Mor Harchol-Balter, Weina Wang, "The M/M/k with deterministic setup times," in *ACM SIGMETRICS*, Orlando, FL, Jun. 2023. <https://doi.org/10.1145/3570617>
- C30 Tuhinangshu Choudhury, Weina Wang, and Gauri Joshi, "Tackling Heterogeneous Traffic in Multi-access Systems via Erasure Coded Servers," in *ACM Int. Symp. Mobile Ad Hoc Networking and Computing (MobiHoc)*, Seoul, South Korea, Oct. 2022. <https://doi.org/10.1145/3492866.3549713>
Best Paper Award
- C29 Yige Hong, and Weina Wang, "Sharp waiting-time bounds for multiserver jobs," in *ACM Int. Symp. Mobile Ad Hoc Networking and Computing (MobiHoc)*, Seoul, South Korea, Oct. 2022. <https://doi.org/10.1145/3492866.3549717>
- C28 Qining Zhang, Honghao Wei, Weina Wang, and Lei Ying, "On Low-Complexity Quickest Intervention of Mutated Diffusion Processes Through Local Approximation," in *ACM Int. Symp. Mobile Ad Hoc Networking and Computing (MobiHoc)*, Seoul, South Korea, Oct. 2022. <https://doi.org/10.1145/3492866.3549709>
- C27 Nirav Atre, Hugo Sadok, Erica Chiang, Weina Wang, and Justine Sherry, "SurgeProtector: Mitigating temporal algorithmic complexity attacks using adversarial scheduling," in *Proc. ACM SIGCOMM*, Amsterdam, the Netherlands, Aug. 2022. <https://doi.org/10.1145/3544216.3544250>
- C26 Ziao Wang, Ning Zhang, Weina Wang, and Lele Wang, "On the feasible region of efficient algorithms for attributed graph alignment," *IEEE Int. Symp. Information Theory (ISIT)*, Espoo, Finland, Jun. 2022. <https://doi.org/10.1109/ISIT50566.2022.9834398>
- C25 Wenxin Ding, Gautam Kamath, Weina Wang, and Nihar B Shah, "Calibration with privacy in peer review," *IEEE Int. Symp. Information Theory (ISIT)*, Espoo, Finland, Jun. 2022. <https://doi.org/10.1109/ISIT50566.2022.9834716>
- C24 Weina Wang (R) Anupam Gupta (R) Jalani K. Williams, "Probing to minimize", in *Proc. Conf. Innovations in Theoretical Computer Science (ITCS)*, Jan. 2022. <https://doi.org/10.4230/LIPIcs.ITCS.2022.120>. (R) denotes random author order)

- C23 Benjamin Berg, Justin Whitehouse, Mor Harchol-Balter, Weina Wang, and Benjamin Moseley, "The case for phase-aware scheduling of parallelizable jobs," in *Int. Symp. Computer Performance, Modeling, Measurements and Evaluation (IFIP Performance)*, Nov. 2021. <https://doi.org/10.1016/j.peva.2021.102246>
- C22 Tuhinangshu Choudhury, Gauri Joshi, Weina Wang, and Sanjay Shakkottai, "Job dispatching policies for queueing systems with unknown service rates," in *ACM Int. Symp. Mobile Ad Hoc Networking and Computing (MobiHoc)*, Shanghai, China, Jul. 2021. <https://doi.org/10.1145/3466772.3467047>
- C21 Ning Zhang, Weina Wang, and Lele Wang, "Attributed graph alignment," in *IEEE Int. Symp. Information Theory (ISIT)*, Jul. 2021. <https://doi.org/10.1109/ISIT45174.2021.9517967>
- C20 Weina Wang, Qiaomin Xie, and Mor Harchol-Balter, "Zero queueing for multi-server jobs," in *ACM SIGMETRICS*, Jun. 2021. <https://doi.org/10.1145/3447385>
- C19 Wentao Weng, and Weina Wang, "Achieving zero asymptotic queueing delay for parallel jobs," in *ACM SIGMETRICS*, Jun. 2021. <https://doi.org/10.1145/3428327>
- C18 Nirav Atre, Justine Sherry, Weina Wang, and Daniel Berger, "Caching with delayed hits," in *Proc. ACM SIGCOMM*, Aug. 2020. <https://doi.org/10.1145/3387514.3405883>
- C17 Benjamin Berg, Mor Harchol-Balter, Benjamin Moseley, Weina Wang, and Justin Whitehouse, "Optimal resource allocation for elastic and inelastic jobs," in *Proc. ACM SPAA*, Jul. 2020. <https://doi.org/10.1145/3350755.3400265>
- C16 Weizhao Tang, Weina Wang, Giulia Fanti, and Sewoong Oh, "Privacy-utility tradeoffs in routing cryptocurrency over payment channel networks," in *Proc. ACM SIGMETRICS*, Jun. 2020. <https://doi.org/10.1145/3392147>
- C15 Honghao Wei, Xiaohan Kang, Weina Wang, and Lei Ying, "QuickStop: A Markov optimal stopping approach for quickest misinformation detection," in *Proc. ACM SIGMETRICS*, pp. 41:1–41:25, Phoenix, AZ, Jun. 2019. <http://doi.acm.org/10.1145/3341617.3326156>
- C14 Abdullah Basar Akbay, Weina Wang, and Junshan Zhang, "Data collection from privacy-aware users in the presence of social learning," in *Proc. Ann. Allerton Conf. Communication, Control and Computing*, pp. 933–939, Monticello, IL, Sep. 2019. <https://doi.org/10.1109/ALLERTON.2019.8919800>
- C13 Pengfei Jiang, Weina Wang, Yao Zhou, Jingrui He, and Lei Ying, "A winners-take-all incentive mechanism for crowd-powered systems," in *Proc. Workshop Economics of Networks, Systems and Computation (NetEcon)*, Irvine, CA, Jun. 2018. <http://doi.acm.org/10.1145/3230654.3230657>
- C12 Weina Wang, Mor Harchol-Balter, Haotian Jiang, Alan Scheller-Wolf, and R. Srikant, "Delay asymptotics and bounds for multi-task parallel jobs," in *Proc. Int. Symp. Computer Performance, Modeling, Measurements and Evaluation (IFIP Performance)*, Toulouse, France, Dec. 2018. <http://doi.acm.org/10.1145/3308897.3308901>
- C11 Weina Wang, Siva Theja Maguluri, R. Srikant, and Lei Ying, "Heavy-traffic delay insensitivity in connection-level models of data transfer with proportionally fair bandwidth sharing," in *Proc. Int. Symp. Computer Performance, Modeling, Measurements and Evaluation (IFIP Performance)*, New York City, NY, Nov. 2017. <http://doi.acm.org/10.1145/3199524.3199565>
- C10 Weina Wang, Lei Ying and Junshan Zhang, "Buying data from privacy-aware individuals: The effect of negative payments," in *Proc. Conf. on Web and Internet Economics (WINE)*, pp. 87–101, Montreal, Canada, Dec. 2016. https://doi.org/10.1007/978-3-662-54110-4_7
- C9 Weina Wang and Lei Ying, "Resource allocation for data-parallel computing in networks with data locality," in *Proc. Ann. Allerton Conf. Communication, Control and Computing*, pp. 933–939, Monticello, IL, Oct. 2016. <https://doi.org/10.1109/ALLERTON.2016.7852334>

- C8 Weina Wang, Lei Ying and Junshan Zhang, "The value of privacy: Strategic data subjects, incentive mechanisms and fundamental limits," in *Proc. ACM SIGMETRICS*, pp. 249–260, Antibes Juan-les-Pins, France, Jun. 2016. <http://doi.acm.org/10.1145/2964791.2901461>
Kenneth C. Sevcik Outstanding Student Paper Award
- C7 Weina Wang, Lei Ying, and Junshan Zhang, "A minimax distortion view of differentially private query release," in *Proc. Asilomar Conf. Signals, Systems, and Computers*, pp. 1046–1050, Pacific Grove, CA, Nov. 2015. <https://doi.org/10.1109/ACSSC.2015.7421298>
- C6 Weina Wang, Lei Ying, and Junshan Zhang, "A game-theoretic approach to quality control for collecting privacy-preserving data," in *Proc. Ann. Allerton Conf. Communication, Control and Computing*, pp. 474–479, Monticello, IL, Sep. 2015. <https://doi.org/10.1109/ALLERTON.2015.7447042>
- C5 Weina Wang, Matthew Barnard and Lei Ying, "Decentralized scheduling with data locality for data-parallel computation on peer-to-peer networks," in *Proc. Ann. Allerton Conf. Communication, Control and Computing*, pp. 337–344, Monticello, IL, Sep. 2015. <https://doi.org/10.1109/ALLERTON.2015.7447024>
- C4 Weina Wang, Lei Ying, and Junshan Zhang, "On the relation between identifiability, differential privacy, and mutual-information privacy," in *Proc. Ann. Allerton Conf. Communication, Control and Computing*, pp. 1086–1092, Monticello, IL, Sep. 2014. <https://doi.org/10.1109/ALLERTON.2014.7028576>
- C3 Weina Wang and Lei Ying, "Data locality in MapReduce: A network perspective," in *Proc. Ann. Allerton Conf. Communication, Control and Computing*, pp. 1110–1117, Monticello, IL, Sep. 2014. <https://doi.org/10.1109/ALLERTON.2014.7028579>
- C2 Xiaohan Kang, Weina Wang, Juan José Jaramillo, and Lei Ying, "On the performance of largest-deficit-first for scheduling real-time traffic in wireless networks," in *ACM Int. Symp. Mobile Ad Hoc Networking and Computing (MobiHoc)*, pp. 99–108, Bangalore, India, Jul. 2013. <http://doi.acm.org/10.1145/2491288.2491298>
- C1 Weina Wang, Kai Zhu, Lei Ying, Jian Tan, and Li Zhang, "Map task scheduling in MapReduce with data locality: Throughput and heavy-traffic optimality," in *Proc. IEEE Int. Conf. Computer Communications (INFOCOM)*, pp. 1609–1617, Turin, Italy, Apr. 2013. <https://doi.org/10.1109/INFOCOM.2013.6566957>

JOURNAL PUBLICATIONS

- J8 Weina Wang, Siva Theja Maguluri, R. Srikant, and Lei Ying, "Heavy-traffic insensitive bounds for weighted proportionally fair bandwidth sharing policies," *Math. Oper. Res.*, 2022. <https://doi.org/10.1287/moor.2021.1225>
- J7 Weina Wang, Mor Harchol-Balter, Haotian Jiang, Alan Scheller-Wolf, and R. Srikant, "Delay asymptotics and bounds for multitask parallel jobs," *Queueing Syst.*, Jan. 2019. <https://doi.org/10.1007/s11134-018-09597-5>
- J6 Weina Wang, Lei Ying, and Junshan Zhang, "The value of privacy: Strategic data subjects, incentive mechanisms and fundamental limits," *ACM Trans. Econ. Comput.*, vol. 6, pp. 8:1–8:26, Aug. 2018. <http://doi.acm.org/10.1145/3232863>
- J5 Weina Wang, Lei Ying, and Junshan Zhang, "On the relation between identifiability, differential privacy, and mutual-information privacy," *IEEE Trans. Inf. Theory*, vol. 62, pp. 5018–5029, Sep. 2016. <https://doi.org/10.1109/TIT.2016.2584610>
- J4 Weina Wang, Kai Zhu, Lei Ying, Jian Tan, and Li Zhang, "MapTask scheduling in MapReduce with data locality: Throughput and heavy-traffic optimality," *IEEE/ACM Trans. Netw.*, vol. 24, pp. 190–203, Feb. 2016. <https://doi.org/10.1109/TNET.2014.2362745>

- J3 Weina Wang and Lei Ying, “Data locality in MapReduce: A network perspective,” *Perform. Eval.*, vol. 96, pp. 1–11, Feb. 2016. <https://doi.org/10.1016/j.peva.2015.12.002>
- J2 Xiaohan Kang, Weina Wang, Juan José Jaramillo, and Lei Ying, “On the performance of largest-deficit-first for scheduling real-time traffic in wireless networks,” *IEEE/ACM Trans. Netw.*, vol. 24, pp. 72–84, Feb. 2016. <https://doi.org/10.1109/TNET.2014.2360365>
- J1 Weina Wang, Kai Zhu, Lei Ying, Jian Tan, and Li Zhang, “A throughput optimal algorithm for Map task scheduling in MapReduce with data locality,” *ACM SIGMETRICS Perform. Eval. Rev.*, vol. 40, no. 4, pp. 33–42, Mar. 2013. <http://doi.acm.org/10.1145/2479942.2479947>

INVITED TALKS

“Recent advances in average-reward restless bandits,” Stanford RL Forum, Jan. 2024 | Data-Driven Decision Processes Reunion, The Simons Institute for the Theory of Computing, Jan. 2024

“Restless Bandits with Average Reward: Breaking the Uniform Global Attractor Assumption,” invited talk, INFORMS annual meeting, Oct. 2023 | Allerton, Sep. 2023.

“Large Stochastic Systems: Many to One and One to Many,” ACM SIGMETRICS Rising Star Award talk, Jun. 2023.

“Stochastic bin packing with time-varying item sizes,” invited talk, University of Pittsburgh, Apr. 2023 | Columbia University, Mar. 2023 | The University of British Columbia, Dec. 2022 | Learning in Networks: Performance Limits and Algorithms, BIRS-CMO Workshop, Nov. 2022 | Structure of Constraints in Sequential Decision-Making Workshop, The Simons Institute for the Theory of Computing, Oct. 2022. <https://www.youtube.com/watch?v=Qtjejl1s0uzg>

“On the exploration in load-balancing under unknown service rates,” invited talk, INFORMS annual meeting, Oct. 2022 | Joint IFML/Data-Driven Decision Processes Workshop, The Simons Institute for the Theory of Computing, Oct. 2022.

“Fundamentals of Markov Decision Processes,” tutorial talk, Data-Driven Decision Processes Boot Camp, The Simons Institute for the Theory of Computing, Aug. 2022.

“Sharp waiting-time bounds for multiserver jobs,” invited talk, Stochastic Networks Conference, Jun. 2022 | SNAPP Seminar Series, Sep. 2021. <https://youtu.be/5dw0-i6nqus>

“Job dispatching policies for queueing systems with unknown service rates,” invited talk, INFORMS annual meeting, Oct. 2021.

“Job dispatching policies for queueing systems with unknown service rates,” invited talk, WiOpt Workshop on Reinforcement Learning and Stochastic Control in Queues and Networks, Oct. 2021.

“Zero queueing for multi-server jobs,” invited talk, Young European Queueing Theorists (YEQT) XIV workshop, Jun. 2021.

“Zero queueing for jobs with simultaneous resource possession,” invited talk, ACM MobiHoc Workshop on the Frontiers of Networks: Theory and Algorithms, Oct. 2020.

“QuickStop: A Markov optimal stopping approach for quickest misinformation detection,” invited talk, C3.ai DTI workshop on Epidemics, Opinion and (Mis)Information: The Analytic Foundations of Dynamics over Networks, Sep. 2020.

“Load balancing with ultra low communication overhead,” invited talk, INFORMS annual meeting, Oct. 2019.

“Achieving zero queueing delay for parallel jobs,” invited talk, INFORMS annual meeting, Oct. 2019 | Ann. Allerton Conf. Communication, Control and Computing (Allerton), Sep. 2019.

“A Markov optimal stopping approach for quickest misinformation detection,” invited talk, Information Theory and Applications Workshop (ITA), Feb. 2019.

“Delay asymptotics and bounds for multi-task parallel jobs,” invited talk, INFORMS annual meeting, Nov. 2018.

“Job delay analysis in data centers,” invited talk, TTIC Summer Workshop: Data Center Scheduling from Theory to Practice, Aug. 2018.

“Delay bounds and asymptotics in cloud computing systems,” invited talks, Special SINE seminar, University of Illinois at Urbana-Champaign, Apr. 2018 | ESE, University of Pennsylvania, Mar. 2018 | EE/CSE, Pennsylvania State University, Mar. 2018 | ECE, Cornell University, Feb. 2018 | IEOR, University of California, Berkeley, Feb. 2018 | IEOR, Columbia University, Feb. 2018 | ECE, University of Pittsburgh, Feb. 2018 | ECE, University of Michigan, Jan. 2018 | ISyE, University of Minnesota, Jan. 2018 | ISE, University of Illinois at Urbana-Champaign, Jan. 2018.

“Job delay bounds and asymptotics in cloud computing systems,” invited talk, Information Theory and Applications Workshop (ITA), Feb. 2018.

“Delay asymptotics in computing systems,” invited talk, CSD, Carnegie Mellon University, Jan. 2018.

“Delay asymptotics in cloud computing,” invited talks, MIT Comms-IT Seminar, Dec. 2017 | Network Science Seminar, Arizona State University, Dec. 2017.

“The drift method for heavy traffic limits, with applications in data centers and networks,” tutorial talk with S. T. Maguluri and R. Srikant, IFIP Performance, Nov. 2017.

“Bandwidth sharing with phase-type file size distribution,” invited talk, INFORMS Applied Probability Society Conference (APS), Jul. 2017.

“Routing, scheduling, and networking in data centers,” tutorial talk with R. Srikant, ACM SIGMETRICS, Jun. 2017.

“Markets and networks for big data,” invited talk, the Department of Electrical & Computer Engineering, University of Maryland, Mar. 2017.

“The value of privacy: Strategic data subjects, incentive mechanisms and fundamental limits,” invited poster presentation, Rising Stars in ECEE Workshop, Nov. 2016.

“Learning from privacy-preserving data: Fundamental limits and mechanism design,” invited Graduation Day poster presentation, Information Theory and Applications Workshop (ITA), Feb. 2016.

“The value of privacy: Incentive mechanisms and fundamental limits,” invited poster presentation, NSF NeTS Early Career Workshop, Jul. 2015.

“Map task scheduling in MapReduce with data locality: Throughput and heavy-traffic optimality,” invited talk, IBM Student Workshop on Frontiers of Cloud Computing (F2C2), Jul. 2013.

PATENT

Lei Ying, Weina Wang, and Matthew Barnard, “Peer-to-peer architecture for processing big data,” US patent US10291696B2, 2015.

TEACHING

Carnegie Mellon University

15-259/15-659: Probability and Computing, Spring 2024

15-859-PP: Fundamentals of MDPs and Reinforcement Learning, Fall 2023

15-259/15-659: Probability and Computing & 15-260: Statistics and Computing, Spring 2020, 2021, 2022, 2023

15-858 C: Algorithms and Analysis for Large-Scale Cloud Computing Systems, Fall 2018, 2020
 15-857: Performance Modeling, Fall 2021
 15-151/21-128: Mathematical Foundations for Computer Science, Fall 2019

PROFESSIONAL SERVICE

INFORMS Applied Probability Council, 2023-present

Co-started SNAPP online seminar series on Stochastic Networks, Applied Probability and Performance, 2020-2021.

Associate Editor, QUESTA, 2022-current | Associate Editor, Operations Research Letters, 2022-current

TPC co-chair for WiOpt 2022 | TPC co-chair for ITC 2022 | Publication chair for ACM Sigmetrics 2022 | WiOpt Workshop co-chair, 2021 | Publicity chair for ACM Sigmetrics 2020, IFIP Performance 2021/2020 | On ACM SIGMETRICS Committee on publicity and communication | TPC member for ACM Sigmetrics 2024/2023/2020/2019, IFIP Performance 2023/2021/2020/2019/2018, MobiHoc 2024-2018, ValueTools 2020, WiOpt 2021/2019.

Judge for INFORMS Applied Probability Society Best Student Paper Competition 2023/2021/2020 | Judge for INFORMS George Nicholson Student Paper Competition 2023/2022 | ACM SIGMETRICS Doctoral Dissertation Award Committee 2024/2023 | ACM SIGMETRICS Student Research Competition 2024/2021

Reviewer for Operations Research, Stochastic Systems, Queueing System, Performance Evaluation, Management Science, IEEE/ACM Transactions on Networking, IEEE Transactions on Information Theory, IEEE Transactions on Parallel and Distributed Systems, IEEE Transactions on Information Forensics and Security, IEEE Transactions on Computers, ACM Transactions on Modeling and Performance Evaluation of Computing Systems, ISIT.

UNIVERSITY SERVICE

2022: CSD DSR committee | 2022: CSD Focus group on student preparedness | 2021: Math Department Probability Hiring Committee external member | 2019-2021: CSD Hiring committee | 2019, 2020: CSD IC chair | 2020: Participated in Women in Academia, hosted by Alpha Chi Omega | 2018-2021: Participated in Women@SCS events

GRANT SUPPORT & FELLOWSHIPS

“CAREER: Achieving Ultra-Low Latency under Heterogeneity and Uncertainty in Edge Computing”, PI, National Science Foundation, Apr. 2022–Mar. 2027, \$500,000

“Scheduling and Queueing Algorithms for Resource-sharing in Federated Learning”, Co-PI, PI: Gauri Joshi, Carnegie Bosch Institute Research Award, Jul. 2021–Jun. 2022, \$125,000

“CNS Core: Small: Caching with Delayed Hits”, Co-PI, PI: Justine Sherry, National Science Foundation, Oct. 2020–Sep. 2023, \$499,998

Franz Family Fund, 2019–2020, \$50,000

Fellowships Awarded to Students

Jack and Mildred Bowers Scholarship in Engineering, awarded to Tuhinangshu Choudhury

Gates Millennium Fellowship & GEM fellowship, awarded to Jalani Williams

STUDENTS ADVISING

PhD Students

Yige Hong, entered Fall 2020

Tuhinangshu Choudhury, entered Fall 2019. Co-advisor: Gauri Joshi

Jalani Williams, entered Fall 2018

Master Students

Wenxin (Freda) Ding: 2020-2021. Co-advisor: Nihar Shah

Undergraduate Students

Brandon Sommerfeld (CMU): 2023-current

Eric Kim (CMU): 2022-current. Co-advisor: Guannan Qu

Claire Jin (CMU): 2022-current. Co-advisor: Guannan Qu

Yifei Huang (Tsinghua University): 2022-2023.

Zhiyuan Tang (Tsinghua University): 2022-2023.

Tarun Chiruvolu (CMU): 2021-2022. Co-advisor: Gauri Joshi

Erica Chiang (CMU): 2021-2022. Co-advisor: Justine Sherry. Now PhD student at Cornell.

Benjamin Carleton (University of Rochester): summer research, 2021. Winner of SOSP'21 Student Research Competition. Co-host: Justine Sherry

Wenxin (Freda) Ding (CMU): thesis, 2020. Co-advisor: Nihar Shah. Now PhD student at U Chicago.

Wentao Weng (Tsinghua University): summer research, 2019. Now PhD student at MIT.

Kunhe Yang (Tsinghua University): summer research, 2019. Co-host: Mor Harchol-Balter. Now PhD student at UC Berkeley.

Mingjia Huo (Peking University): undergraduate research internship, 2019. Now PhD student at UIUC.