

KIRAN TOMLINSON

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EDUCATION

- PhD Student, Computer Science** 2019–
Cornell University
Committee: Austin R. Benson (advisor), Thorsten Joachims, and Jon Kleinberg
- BA, Computer Science and Mathematics** 2015–2019
Carleton College
Summa Cum Laude, Distinction in Computer Science and in Mathematics

PREPRINTS

*Equal contribution, (α – β) alphabetical order

6. **Kiran Tomlinson** and Austin R. Benson. Learning Interpretable Feature Context Effects in Discrete Choice. *arXiv:2009.03417*, Sep 2020. [↗](#)

PEER-REVIEWED PUBLICATIONS

5. **Kiran Tomlinson** and Austin R. Benson. Choice Set Optimization Under Discrete Choice Models of Group Decisions. *37th International Conference on Machine Learning (ICML)*, Jul 2020. [↗](#)
4. Patty Commins, David Liben-Nowell, Tina Liu, and **Kiran Tomlinson** (α – β). Summarizing Diverging String Sequences, with Applications to Chain-Letter Petitions. *31st Annual Symposium on Combinatorial Pattern Matching (CPM)*, Jun 2020. [↗](#)
3. Zach DiNardo*, **Kiran Tomlinson***, Anna Ritz, and Layla Oesper. Distance Measures for Tumor Evolutionary Trees. *Bioinformatics* 38 (7), Apr 2020. [↗](#)
2. **Kiran Tomlinson** and Layla Oesper. Parameter, Noise, and Tree Topology Effects in Tumor Phylogeny Inference. *BMC Medical Genomics* 12 (10), Dec 2019. (Extended journal version of [1](#)). [↗](#)
1. **Kiran Tomlinson** and Layla Oesper. Examining Tumor Phylogeny Inference in Noisy Sequencing Data. *IEEE International Conference on Bioinformatics and Biomedicine (BIBM)*, Dec 2018. [↗](#)

TALKS

- “Learning Interpretable Feature Context Effects in Discrete Choice.” Stanford Ugander Lab, 8 Dec 2020.
- “Learning Context Effects in Triadic Closure.” NetSci–SINM, 20 Sep 2020.
- “Choice Set Optimization Under Discrete Choice Models of Group Decisions.” ICML, 15 Jul 2020.
- “Summarizing Diverging String Sequences, with Applications to Chain-Letter Petitions.” CPM, 17 Jun 2020.
- “Distance Measures for Tumor Evolutionary Trees.” RECOMB–CCB (with Zach DiNardo), 3 May 2019.
- “Examining Tumor Phylogeny Inference in Noisy Sequencing Data.” BIBM, 4 Dec 2018.

INTERNSHIPS

- NASA Johnson Space Center** Summer 2016 & Summer 2017
Spacecraft Software Engineering Branch

HONORS

- Phi Beta Kappa** 2019
- Sigma Xi** 2019
- CRA Outstanding Undergraduate Researcher Honorable Mention** 2018
- Goldwater Scholarship Honorable Mention** 2018
- Patricia V. Damon Scholarship** 2018
- NSF Student Travel Award (to BIBM)** 2018
- Carleton College Dean’s List** 2016, 2017, 2018
- National Merit Scholarship** 2015–2018

TEACHING ASSISTANTSHIPS

Cornell University

CS 2800: Discrete Structures Spring 2020
CS 2110: Object-Oriented Programming and Data Structures Fall 2019

Carleton College

CS 201: Data Structures Winter 2018, Spring 2019
CS 202: Mathematics of Computer Science Fall 2017, Spring 2018
CS 254: Computability and Complexity Fall 2018, Winter 2019

SERVICE

PhD Admissions Committee 2021

Cornell University Computer Science Department

Alumni Admissions Representative 2020–

Carleton College

Graduate and Professional Student Assembly Representative (elected) 2019–2020

Cornell Computer Science Graduate Organization

Student Departmental Advisor (invited) 2018–2019

Carleton College Computer Science Department

Student Hiring Committee (invited) 2018 & 2019

Carleton College Computer Science Department

ADVISING

Undergraduate Students

Yingyue (Amy) Cui, *Cornell University Computer Science and Economics '23* 2020–