SIMRAN KAUR

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EDUCATION		om
Princeton University		Princeton, N
Ph.D. student in Computer Science Departm	nent (Advisor: Sanjeev Arora).	2022 - Preser
Carnegie Mellon University		Pittsburgh, P
B.S. Artificial Intelligence, School of Comput GPA: 3.95/4.00	er Science.	2018-202
HONORS		
CMU Senior Leadership Recognition Recipi	ent	May 202
Phi Beta Kappa		May 202
CMU SCS College Honors (successful compl Dean's List	etion of senior thesis)	May 202 Spring 2019 – May 202
		Spring 2019 - May 202
PUBLICATIONS		
In Proceedings of the 12 th International	nah Brown-Cohen, Anirudh Goyal, Sanjeev A Conference on Learning Representations (ICL	
In Workshop on Distribution Shifts (Neurl	IPS), 2023.	
• •	rwah, Saurabh Garg, Zachary C. Lipton. Conference on Learning Representations (ICL	
	n Machine Learning Workshop (NeurIPS), 202	2. [Dest Poster Awaru]
[3] On the Maximum Hessian Eigenvalue an Simran Kaur, Jeremy Cohen, Zachary C. I Contributed talk at "I Can't Believe It's N	Lipton.	
Jeremy M. Cohen, Simran Kaur , Yuanzhi In <i>Proceedings of the 9th International Co</i>	pically Occurs at the Edge of Stability [Link] Li, Zico Kolter, Ameet Talwalkar. Inference on Learning Representations (ICLR ptimization for Machine Learning (NeurIPS),	
		2020.
 [5] Are Perceptually-Aligned Gradients a Ge. Simran Kaur, Jeremy Cohen, Zachary C. I In the Science Meets Engineering of Deep 	Lipton.	
TEACHING		
Princeton University		
• Teaching Assistant for COS 324: Intro Fall 2023 (for Junior Research Work)		
Carnegie Mellon University		
	al Intelligence: Representation and Problem	Solving.
	Head TA), Fall 2021 (Head TA), Spring 2022 (
	Introduction to Machine Learning (Undergra	duate and Graduate Level).
Summer 2020		
Summer 2020.		
SERVICE		2023 – Preser
SERVICE Conference Reviewing: NeurIPS Co-organizer for Princeton Algorit 	hms & Machine Learning (Alg-ML) Seminar <u>[</u> ice (PLI) Blog Board Member <u>[Link]</u>	2023 – Preser Link] Fall 2023 – Preser Fall 2023 – Preser
SERVICE Conference Reviewing: NeurIPS Co-organizer for Princeton Algorit 		Link] Fall 2023 – Preser
SERVICE Conference Reviewing: NeurIPS Co-organizer for Princeton Algorit Princeton Language and Intelligen SKILLS Programming: Python, C, Java, Standard MI	ice (PLI) Blog Board Member [Link] ., R, LaTeX	Link] Fall 2023 – Preser
SERVICE Conference Reviewing: NeurIPS Co-organizer for Princeton Algorit Princeton Language and Intelligen SKILLS Programming: Python, C, Java, Standard MI	ice (PLI) Blog Board Member [Link] ., R, LaTeX	Link] Fall 2023 – Preser
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SERVICE Conference Reviewing: NeurIPS Co-organizer for Princeton Algorit Princeton Language and Intelligen SKILLS Programming: Python, C, Java, Standard MI Frameworks & Softwares: PyTorch, Matlab RELEVANT COURSEWORK 10-315 Machine Learning	nce (PLI) Blog Board Member <u>[Link]</u> ., R, LaTeX , Jupyter Notebook, Git	Link] Fall 2023 – Preser Fall 2023 – Preser
SERVICE Conference Reviewing: NeurIPS Co-organizer for Princeton Algorit Princeton Language and Intelligen SKILLS Programming: Python, C, Java, Standard MI Frameworks & Softwares: PyTorch, Matlab RELEVANT COURSEWORK 10-315 Machine Learning 11-711 Algorithms for NLP	nce (PLI) Blog Board Member [Link] -, R, LaTeX , Jupyter Notebook, Git 15-281 Artificial Intelligence	Link] Fall 2023 – Preser Fall 2023 – Preser 11-485 Deep Learning
SERVICE Conference Reviewing: NeurIPS Co-organizer for Princeton Algorit Princeton Language and Intelligen SKILLS Programming: Python, C, Java, Standard MI Frameworks & Softwares: PyTorch, Matlab RELEVANT COURSEWORK 10-315 Machine Learning 11-711 Algorithms for NLP 15-210 Parallel & Sequential Algorithms 15-213 Computer Systems	Lee (PLI) Blog Board Member [Link] ., R, LaTeX , Jupyter Notebook, Git 15-281 Artificial Intelligence 16-385 Computer Vision 15-251 Great Theoretical Ideas in CS 15-150 Functional Programming	Link] Fall 2023 – Preser Fall 2023 – Preser 11-485 Deep Learning 36-218 Probability Theory 15-122 Data Structures & Algorithms 36-401 Modern Regression
SERVICE Conference Reviewing: NeurIPS Co-organizer for Princeton Algorit Princeton Language and Intelligen SKILLS Programming: Python, C, Java, Standard MI Frameworks & Softwares: PyTorch, Matlab RELEVANT COURSEWORK 10-315 Machine Learning 11-711 Algorithms for NLP 15-210 Parallel & Sequential Algorithms	Lee (PLI) Blog Board Member [Link] ., R, LaTeX , Jupyter Notebook, Git 15-281 Artificial Intelligence 16-385 Computer Vision 15-251 Great Theoretical Ideas in CS	Link] Fall 2023 – Preser Fall 2023 – Preser 11-485 Deep Learning 36-218 Probability Theory 15-122 Data Structures & Algorithms 36-401 Modern Regression

HOBBIES

Running, painting, and baking biscotti