NSF BIOGRAPHICAL SKETCH

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IDENTIFYING INFORMATION:

NAME: Zhou, Xingyu

POSITION TITLE: Assistant Professor

ORGANIZATION AND LOCATION: Wayne State University, Detroit, MI, United States

Professional Preparation:

ORGANIZATION AND LOCATION	DEGREE (if applicable)	DATE RECEIVED	FIELD OF STUDY
Beijing University of Posts and Telecommunications (BUPT), Beijing, Beijing, China	BENG	07/2012	Electronic Engineering
The Ohio State University, Columbus, OH, USA	PHD	12/2020	Electrical and Computer Engineering
Tsinghua University, Beijing, Beijing, China	MENG	07/2015	Electronic Engineering

Appointments and Positions

2021 - present Assistant Professor, Wayne State University, Detroit, MI, United States

Products

Products Most Closely Related to the Proposed Project

1. Zhou X, Tan J. Local Differential Privacy for Bayesian Optimization. AAAI. 2021.
2. Chowdhury SRay, Zhou X. Differentially Private Regret Minimization in Episodic Markov Decision Processes. AAAI. 2022.
3. Zhou X. Differentially Private Reinforcement Learning with Linear Function Approximation. ACM Sigmetrics/IFIP Performance. 2022.
4. Chowdhury SRay, Zhou X. Shuffle Private Linear Contextual Bandits. ICML. 2022.
5. Chowdhury SRay, Zhou X. Distributed Differential Privacy in Multi-Armed Bandits. ICLR. 2023.

Other Significant Products, Whether or Not Related to the Proposed Project

1. Zhou X, Ji B. On Kernelized Multi-Armed Bandits with Constraints. NeurIPS. 2022. Available from: https://openreview.net/pdf?id=wgRQ1IM4g_w
2. Deng Y, Zhou X, Kim B, Tewari A, Gupta A, Shroff N. Weighted Gaussian process bandits for non-stationary environments. AISTATS. 2022. Available from: https://proceedings.mlr.press/v151/deng22b.html
3. Ghosh A, Zhou X, Shroff N. Provably Efficient Model-Free Constrained RL with Linear

Function Approximation. NeurIPS'22. 2022.

4. Deng Y, Zhou X, Ghosh A, Gupta A, Shroff N. Interference Constrained Beam Alignment for Time-Varying Channels via Kernelized Bandits. IEEE WiOpt'22. 2022. DOI: 10.23919/WiOpt56218.2022.9930591
5. Li F, Zhou X, Ji B. (Private) Kernelized Bandits with Distributed Biased Feedback. ACM Sigmetrics. 2023.

Synergistic Activities

1. TPC member of international conferences: ITC'21, WiOpt'21, INFOCOM'22, Sigmetrics'23
2. Web-chair: MobiHoc'23

Certification:

When the individual signs the certification on behalf of themselves, they are certifying that the information is current, accurate, and complete. This includes, but is not limited to, information related to domestic and foreign appointments and positions. Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802.

Certified by Zhou, Xingyu in SciENcv on 2023-04-18 16:20:22