IDENTIFYING INFORMATION:

NAME: Nguyen, Duong N

ORCID iD: https://orcid.org/0000-0003-4894-5217

POSITION TITLE: Assistant Professor

PRIMARY ORGANIZATION AND LOCATION: University of Wyoming, Laramie, Wyoming, United States

Professional Preparation:

ORGANIZATION AND LOCATION	DEGREE (if applicable)	RECEIPT DATE	FIELD OF STUDY
Georgetown University, Washington, District of Columbia, United States	Postdoctoral Fellow	05/2021 - 07/2022	Computer Science
Michigan State University, East Lansing, Michigan, United States	PHD	05/2021	Computer Science
Purdue University, West Lafayette, West Virginia, United States	MS	05/2012	Computer Science
Hanoi University of Science and Technology, Hanoi, Not Applicable, N/A, Vietnam	BS	07/2006	Information Technology

Appointments and Positions

2022 - present Assistant Professor, University of Wyoming, Department of Electrical Engineering and Computer Science, Laramie, Wyoming, United States

2022 - present Founding Adjunct Faculty, University of Wyoming, School of Computing, Laramie, Wyoming, United States

Products

Products Most Closely Related to the Proposed Project

1. Nguyen D, Gupta A, Kulkarni S. Analyzing Program Transitions to Compute Benefit of Tolerating Consistency Violation Faults. Proceedings of the 24th International Conference on Distributed Computing and Networking. ICDCN 2023: 24th International Conference on Distributed Computing and Networking; 04 0 23; Kharagpur India. New York, NY, USA: ACM; c2023. Available from: https://dl.acm.org/doi/10.1145/3571306.3571391 DOI: 10.1145/3571306.3571391
2. Kulkarni Sandeep S, Appleton Gabe, Nguyen Duong. Achieving causality with physical clocks. Proceedings of the 23rd International Conference on Distributed Computing and Networking; 2022; c2022.
3. Nguyen D, Yingchareonthawornchai S, Tekken Valapil V, Kulkarni S, Demirbas M. Precision, recall, and sensitivity of monitoring partially synchronous distributed programs. Distributed Computing. 2021 September 13; 34(5):319-348. Available from: https://link.springer.com/10.1007/s00446-021-00402-w DOI: 10.1007/s00446-021-00402-w
4. Nguyen Duong, Kulkarni Sandeep S. Benefits of Stabilization versus Rollback in Self-Stabilizing Graph-Based Applications on Eventually Consistent Key-Value Stores. 2020 International Symposium on Reliable Distributed Systems (SRDS); 2020; c2020.

5. Yingchareonthawornchai S, Nguyen D, Kulkarni S, Demirbas M. Analysis of Bounds on Hybrid Vector Clocks. IEEE Transactions on Parallel and Distributed Systems. 2018; 29(9):1947-1960. Available from: https://ieeexplore.ieee.org/document/8323242/ DOI: 10.1109/TPDS.2018.2818700

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

1. Nguyen D, Charapko A, Kulkarni S, Demirbas M. Using weaker consistency models with monitoring and recovery for improving performance of key-value stores. Journal of the Brazilian Computer Society. 2019 October 30; 25(1):-. Available from: https://journal-bcs.springeropen.com/articles/10.1186/s13173-019-0091-9 DOI: 10.1186/s13173-019-0091-9
2. Nguyen Duong, Kulkarni Sandeep S, Datta Ajoy K. Benefit of self-stabilizing protocols in eventually consistent key-value stores: a case study. Proceedings of the 20th International Conference on Distributed Computing and Networking; 2019; c2019.
3. On a hybrid genetic algorithm for solving the bin packing problem. The 20th Scientific Conference, Hanoi University of Science and Technology, Hanoi, Vietnam; ; c2006.

Synergistic Activities

1. Program Committee, Wyoming Computing Symposium, 2023
2. External reviewer (ICDCN 2022, SRDS 2021, INFOCOM 2021, SRDS 2020, ICDCN 2019, GI 2019, SRDS 2018, ICDCS 2017)
3. Volunteer at 2017 Symposium on Principles of Distributed Computing (PODC'17).
   Representative of CSE graduate students in The Council of Graduate Students, Michigan State University, 2018-2019.
   Graduate student representative at University Committee on Graduate Studies, Michigan State University, 2016 - 2017.

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 Nguyen, Duong N in SciENcv on 2024-03-01 03:47:37