Curriculum Vitae

Faculty Name:	**Lening Wang**	**Work Address:** P.O. Box 519; MS 1060 Prairie View, TX 77446

Position Title: Assistant Professor

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Education:

Degree and Area of Study	Institution Name	Degree Date
Ph.D., Electrical Engineering	University of Houston	08/2023
MS., Electrical Engineering	New York University	05/2016
BS., Electrical & Computer Engineering	New York Institute of Technology	05/2014

Teaching Experience:

Position Title	Institution Name	Position Dates (Beginning and End)
Assistant Professor	Prairie View A&M University	01/2024 – current
Teaching Assistant	University of Houston	09/2017 – 05/2020
Graduate Assistant	New York University	09/2015 – 05/2016

Professional Publications:

Q. Wan, L. Wang, J. Wang, S. Song, X. Fu. "NAS-SE: Designing A Highly Efficient In-Situ Neural Architecture Search Engine for Large-Scale Deployment", 56th IEEE/ACM International Symposium on Microarchitecture, 2023

L. Wang, Q. Wan, J. Wang, M. Chen, S. L. Song and X. Fu, "Enabling High-Efficient ReRAM-based CNN Training via Exploiting Crossbar-Level Insignificant Writing Elimination", in IEEE Transactions on Computer, 2023.

L. Wang, M. Sistla, M. Chen and X. Fu, "BS-pFL: Enabling Low-Cost Personalized Federated Learning by Exploring Weight Gradient Sparsity," 2022 IEEE International Joint Conference on Neural Networks

Y. Liu, L. Wang, A. Qouneh, X. Fu, "Enabling PIM-based AES encryption for online video streaming", Journal of Systems Architecture, Volume 132, 2022

Q. Wan, H. Xia, X. Zhang, L. Wang, S. Song, X. Fu, "Shift-BNN: Highly-efficient probabilistic Bayesian neural network training via memory-friendly pattern retrieving", 54th International Symposium on Microarchitecture, 2021

Additional Trainings/Skills: None