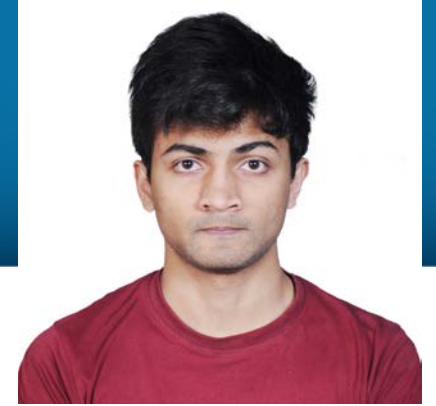


Afzal AHMAD (Prof. Wei ZHANG)

Year 1, ECE



- Bachelor of Science in Electrical Engineering (2013 – 2017)
- Ph. D. in Electronic and Computer Engineering (2020 – Current)
- Multimodality Perception Learning and Efficient Hardware Design for FPGAs using Neural Architecture Search
- Ahmad, Afzal, and Muhammad Adeel Pasha. "Towards design space exploration and optimization of fast algorithms for convolutional neural networks (cnns) on fpgas." *2019 Design, Automation & Test in Europe Conference & Exhibition (DATE)*. IEEE, 2019.
- Ahmad, Afzal, and Muhammad Adeel Pasha. "FFConv: an FPGA-based accelerator for fast convolution layers in convolutional neural networks." *ACM Transactions on Embedded Computing Systems (TECS)* 19.2 (2020): 1-24.
- Ahmad, Afzal, and Muhammad Adeel Pasha. "Optimizing hardware accelerated general matrix-matrix multiplication for cnns on fpgas." *IEEE Transactions on Circuits and Systems II: Express Briefs* 67.11 (2020): 2692-2696.
- Ahmad, Afzal, et al. "Multi-hop routing implementation in spatially distributed wireless sensor networks for large-scale environmental monitoring applications." *2019 10th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications (IDAACS)*. Vol. 1. IEEE, 2019.
- Ahmad, Afzal, Muhammad Adeel Pasha, and Ghulam Jilani Raza. "Accelerating Tiny YOLOv3 using FPGA-Based Hardware/Software Co-Design." *2020 IEEE International Symposium on Circuits and Systems (ISCAS)*. IEEE, 2020.
- Watching Movies and TV-Shows
- Reading Novels
- Table Tennis and Hiking