

Maisha Hafiz

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ABOUT ME

Looking for opportunities to enhance programming skills, develop more in depth knowledge about deep learning, FPGA focused designs. In order to foster personal and professional growth, enhance experiential knowledge, and cultivate the acquisition of new skills.

EDUCATION

PhD in Electrical and Computer Engineering	June 2022-Present
The University of Arizona, Tucson, AZ, USA	GPA 3.5/4.0
MS in Electrical and Computer Engineering	January 2020-December 2021
The University of Arizona, Tucson, AZ, USA	GPA 3.5/4.0
BS in Electrical and Electronic Engineering	September 2014-December 2018
North South University, Dhaka, Bangladesh	GPA: 3.6/4.0

RESEARCH INTERESTS

Neuromorphic Architectures and Computing, Event-Based Vision, Computer vision, Medical imaging, VLSI

WORK EXPERIENCE

Online Teaching BUFFTUTOR NETWORK Teaching online undergraduate level C programming course	January 2022- May 2022
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ACADEMIC EXPERIENCE

Graduate Research Assistant Reconfigurable Computing Lab, Advisor: Dr. Ali Akoglu, The University of Arizona Working on mapping event-based representations onto neuromorphic architecture.	August 2022-Present Tucson, AZ
Graduate Teaching Assistant The University of Arizona Coordinated and assisted with the laboratory for fundamentals of computer organization.	August 2022-Present Tucson, AZ
Graduate Teaching Assistant The University of Arizona Coordinated and assisted with the laboratory for C programming language.	August 2020-December 2021 Tucson, AZ

TECHNICAL SKILLS

Programming Languages (C, Cuda, Python, Bash, MATLAB, Verilog)
Tools (Xilinx Vivado, Visual Studio Code, Jupyter Notebook, Google Colab, LT Spice, Electric Binary, Advanced Design Systems, Git)
Frameworks (Tensorflow)

AWARDS AND CERTIFICATIONS

Award for Excellence at the Student Interface as an Outstanding Graduate Teaching Assistant Department of Electrical and Computer Engineering, The University of Arizona	May 2023
Award for Outstanding Graduate Teaching Assistant Department of Electrical and Computer Engineering, The University of Arizona	May 2021