

Justin Foreman, Ph.D.

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Justin Foreman graduated from Prairie View A&M University with a B.S. in Electrical Engineering. He obtained his M.S. in Electrical Engineering from the University of Wisconsin, Madison, and his Ph.D. in Electrical Engineering from North Carolina A&T State University. He then worked as a National Research Council Postdoctoral Research Associate at NASA Langley in fiber Bragg grating based shape sensing research. He later worked at NASA Johnson Space Center via Geo Control Systems as a Test Director, Test and Systems Integration Engineer and as an International Space Station Electrical Power Systems Engineer. Subsequent to his industry involvement, he worked as an instructor at Lone Star College and is currently an Assistant Professor in Electrical and Computer Engineering at Prairie View A&M University. His primary research area is cybersecurity with an emphasis on threat detection. Additionally, he has an interest in improving classroom instruction and learning and is currently a Co-Principal Investigator in a National Science Foundation research project involving the use of active learning to foster better student learning outcomes. Additionally, he is a part of efforts to improve undergraduate programming skills in the Electrical and Computer Engineering department and has taught programming based courses in the Electrical and Computer Engineering curriculum. He has also delivered workshops to students in the Engineering College in the areas of Programmable Logic Controllers, Python for Data Science and Blockchain.