



## College of Computing and Software Engineering (CCSE)

March Achievements of Faculty, Staff and Students. CONGRATULATIONS and WELL DONE!

Congratulations to Christopher Dargan who is a senior undergraduate student pursuing his bachelor's degree in computer science. Dargan works with Dr. Md Abdullah Al Hafiz Khan, an assistant professor of computer science at KSU, in the Ubiquitous Data Mining Lab (UDM) to decipher thoughts through brain waves. The project is Language, Modeled, Enhanced Thought Detects Conversion. I'm trying to predict when a person thinks of a specific letter using machine learning. It decodes the brain's signals or small electric activity, and I am working on finding the pattern of someone thinking of specific letters. It will essentially allow someone to communicate through their thoughts.



Please congratulate our colleagues on the major milestone in their career!

Department of Computer Science: Dr. Abhishek Parakh and Dr. Selena He, promotion to full professor. Dr. Kun Sun, tenure and promotion to associate professor.

School of Data Science and Analytics: Dr. Nicole Ferguson and Dr. Gene Ray promotion to full professor. Dr. Xinyan (Abby) Zhang tenure and promotion to associate professor.

Department of Information Technology: Dr. Amin Pouriyeh tenure and promotion to associate professor.

Department of Software Engineering and Game Development: Dr. Yi (Joy) Li and Dr. Yan Huang Ph.D. tenure and promotion to associate professor

HPCC Systems Teaching Fellows Program (High-Performance Computing Cloud) sponsored two Kennesaw State College of Computing and Software Engineering faculty, Dr. Yong Shi and Dr. Seyedamin Pouriyeh on their HPCC Teaching Fellowships and HPCC Applied Research Projects for the 2023-2024 academic periods. The HPCC Systems Teaching Fellows participate in a community of practice around teaching, research, and professional development, drawing on guidance and support from HPCC Systems, CCSE, and a designated faculty mentor.



It was an honor to attend the Posters at the Georgia State Capitol event where she presented her research to legislators in Atlanta. Samhitha Challagundla is a computer science major with the research project entitled "Cloud Mobile Architecture with ML Algorithms for Real-Time Water Quality Monitoring Systems." In this project, Challagundla worked with her primary investigator, Dr. Ahyoung Lee, to develop a program that monitors the amount of pollution in water in real time to determine potability. "Clean drinking water should be accessible to the public," said Challagundla. Dr. Ahyoung Lee said that she hopes that by providing real-time water monitoring public health crises related to timely detection of pollutants and harmful bacteria can be prevented.



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