Dr. Josh Montgomery

Associate Professor of Computer Science, Southern State Community College

Dr. Joshua Montgomery is an Associate Professor at Southern State Community College. He has been a professor for over 10 years, and before that was the Technology Director for Chillicothe City School District for 13 years. He is the co-founder of SOMACC (Southern Ohio Makers Against COVID Coalition). This grassroots group built 4,500 3D printed face shields for first responders at the start of the COVID-19 pandemic. One of his most significant accomplishments is building R2-D2, a droid that took him 2.5 years to complete. Josh and his wife, Brandy, reside in Southern Ohio with their two children and three dachshunds.

SSU alumni, faculty, other members of the campus community, and the general public are invited to attend.

2022

SHAWNEE STATE UNIVERSITY
CELEBRATION
OF
SCHOLARSHIP
CONFERENCE

Thursday, April 7, 2022, 7:00 pm
Clark Memorial Library, Flohr Lecture Hall

Learning to Fail – How Building R2D2 Made Me a Better Teacher

In a serendipitous moment of discovery, college professor Dr. Joshua Montgomery stumbled into a surprisingly effective way to incorporate project-based learning into his computer technology classroom. The spark? – his personal hobby building his own life-size, fully operational R2-D2 droid from *Star Wars*. Joshua explains how failure is a necessary part of building, and how giving his students the power to choose whatever project they wished to build tapped into their own individual passions and unlocked amazing levels of creativity and ingenuity. Come listen to Dr. Montgomery explain his process and meet the droid he built along the way. You will have an opportunity to have your picture taken with R2D2 after the talk and some exclusive prizes and gifts will be awarded to a few lucky participants.