SE&T Colloquium Series-Fall 2015

Speaker	Mr. Dustyn Tubbs Scholar of Computer Science Advisor: Dr. Khandaker A. Rahman
Title	*Mitigating Facial Recognition Attacks:* *A Brief Overview of Offensive and Defensive System Methods*
Abstract	Facial Recognition is one of the most focused areas of Computer Vision research. Utilizing Facial Recognition for authentication within a system, however, opens that system up to a set of easily exploited vulnerabilities such as picture attacks, mask attacks, and replay attacks. The purpose of this presentation is to provide a brief overview of these different attacks on a facial recognition system, as well as what attributes a system would need to have to prevent these attacks. This presentation will conclude with a particular method of defense developed this past year that is able to protect against all of these attacks.
Date	Tuesday, November 10
Time	4:10-5:00pm
Place	Pioneer 240
	Refreshments will be served at 4:00pm.