

Autumn Bullard

Hometown: Virginia Beach,VA

Status: PhD Student

Department: Biomedical Engineering

Undergraduate Institution and Major: Norfolk State University/ Electronics Engineering

Involved with NSBE in the past?: Yes, all throughout undergrad. I served as Programs Chair for my Chapter for two years.

Why did you choose to attend Graduate School?: I chose to attend Graduate School because I knew I wanted to obtain a higher degree and become more competitive once entering the work field. I was also interested in studying something new outside of my background.

Research summary: I currently work in a cortical BMI (brain machine interface) lab. We record brain signals during a range of movements and study the signals to gain insight on how the brain interprets movements of the upper limb. We also use these signals to create algorithms to predict movements. All of this has applications in neural prosthetics for amputees, paraplegics, and those suffering from neurodegenerative diseases.

Career goals: I'm interested in working as the Project manager in the Rehabilitation Center of a research hospital using neuroprosthetic devices to assist in rehabilitation. I'm also interested in going into consulting.