My name is Thomas Hilton Johnson III, and I am Junior who is attending Elizabeth City State University at Elizabeth City, North Carolina. I gained a passion for technology at the age of four when I reset the language on the family computer to Chinese. From there, science fiction stories were my main source of reading material as they brought forth the technology the human mind could imagine. Under various teachers, especially my Exploring Technology teacher Mr. William Wall and Mr. Arthur Close, I began to have a fixation on technology, mainly driven by a curiosity of how devices worked or could be improved. Rewards in the form of an Exploring Technologies trophy and induction into the career-focused National Technical Honor Society allowed for more concentration in the field of technology until high school graduation.

Over the summer of 2015, the Engineering and Technology camp of Envision Experience opened its doors to allow me to explore breadboards and coding that was among the many elements of exposure. An internship under the guidance of Mr. Steve Coleman at the Joint School of Nanotechnology and Nanoengineering provided me with exposure to nanotechnologies and the scales to which human beings can actively induce change in the universe.

I am currently taking part in the Center of Excellence in Remote Sensing Education and Research (CERSER) program at ECSU that encourages the attainment of master's and doctoral degrees. CERSER, provides a great amount of exposure to the applications of various computer systems and software packages.

As technology grows and more platforms become dependent on efficient computers to run advanced tasks, CERSER is providing the skills needed to handle the developments in coding and operating systems that are revolutionizing the world. Training sessions in Mac Operating systems, Adobe Dreamweaver, and Adobe Photoshop will prove useful in the future in the development of web pages for documenting my research. Throughout the CERSER program, there is an emphasis on the construction of well-organized resumes and professional statements.

I am also a member of the Pi-Byte club which gives its members opportunities to explore coding disciplines while providing a hub within ECSU for computer science and mathematics majors to congregate to assist one another in gaining capabilities to stay ahead of the curve in the global market.

During the Summer of 2017, I attended the Indiana University Summer Research Opportunities Research Experience for Undergraduates in Computing in Bloomington, Indiana. There I was working with dataframes using the Python script language to perform data analysis on Wikipedia's editorial community under my mentors Dr. Apu Kapadia, Dr. Robert Kraut, and Ph.D. student Pat Shaffer. I had to do extensive work in the Pandas module of Python and gained experience utilizing the Bokeh module for Python.

During the Summer of 2018, I interned at the Texas Advanced Computing Center (TACC) through the Science Gateways Community Institute where my tasks were focused on employing Bootstrap, HTML, CSS, JavaScript, and PHP for front-end work. This whetted my ability to

create, maintain and develop web pages and websites on the front end. The internship has also increased my ability to work in cooperation with others in regards team-based projects which has evolved my communication skills extensively. Considering this was my first introduction to PHP, Bootstrap, and JavaScript, I was able to get real world experience with developing responsive webpages for users.

From November 12th to November 14th I was at Dallas participating in the Computing4Change event at Supercomputing 2018. The focus of the event was utilizing data analysis to be able to present on a given topic. Python was utilized along with the Pandas module of Python.

Pursuing a Bachelor's, Master's, and Doctoral Degrees in Computer Science will be a priority. Giving back to the communities that have added to my education will be a goal for my future as I pursue a career in programming or nanotechnology.