My name is Joseph Randolph Jr, and I’m a Senior System Engineer at Cerner Corporation. I have an interest in creating, executing, and maintaining an interdisciplinary process to ensure that stakeholder needs are satisfied in a high quality, cost efficient, and schedule compliant manner. I decided to pursue a graduate degree because I wanted to grow my skillset and challenge myself. The graduate degree will help me reach my long-term goal. I went to North Carolina State University from 2006-2011, where I majored in Electrical and Computer Engineering.

Over the past few years, I have worked as a Capacity Engineer, Java Programmer, and Test Engineer. These industries included technology, banking, insurance, and health care. I have gained valuable experience while working for each corporation by pushing technological boundaries through automation and innovation. As a Senior System Engineer with Cerner, I am responsible for the implementation and ongoing administration for Cerner’s big data infrastructure. I work with Cerner’s development and data delivery teams to empower clients with data to understand how their populations are motivated and behave within their communities. I specialize in scaling application deployments through automation, maintaining, and performance tuning cloud architectures. My main focus is installing, configuring, monitoring, and maintaining several HBase and Hadoop clusters and ecosystems. My long-term goal is to apply the knowledge that I gained from my graduate degree to become a Director at a Health Information Technology company.