



NAME: Dan'te Gregory

COMPANY: Carestream Health, Inc.

TITLE: Diagnostic Imaging Biomedical Engineer

DEGREE(S)/CERTIFICATION:

Associate of Applied Science in Industrial Engineering Technology

Bachelor of Professional Studies in Organizational Leadership

CompTIA A+ Computer Hardware and Software Certification

DITEC Diagnostic Imaging Systems Service Certification

COLLEGE(S):

AS from Southwest TN Community College

BS from University of Memphis

Q: How did you select your college major, certification program, or career path?

A: In high school I took a Computer Basics course and became very intrigued with computers and computer based systems. My teacher would allow me to help him repair the computers and taught me about different software programs. I knew from then that I wanted to work with computer systems. After reading more about industrial computer systems and how they automate manufacturing, I chose Industrial Engineering Technology.

Q: What was the biggest influence in your selection of career path?

A: After high school I worked part time at Wilson Sporting Goods Corporation where they manufactured golf balls and I would see all the systems and automation that went into making the golf balls and I would talk with the engineers that were responsible for programming and servicing the systems and I knew that I wanted to pursue a similar career path. However, I also thought about work in the medical field so after researching different types of engineering in the medical field the Diagnostic Imaging Biomedical Engineer was a perfect fit for me.





STEM SPOTLIGHT

PROFESSIONAL: DAN'TE GREGORY

Q: If you could go back to high school and select any elective course to take that would have better prepared you for college/career, what would it be?

A: Intro to Physics – In high school I took biology and never thought about how much physics related to the engineering world. Math and science always came easy to me but physics was a different scenario in the beginning. I believe it was the only class throughout my college career that I had to go to study groups and get extra resources to help me understand the concepts. I would recommend for any high schooler that is thinking about pursuing a career in science or engineering to take an Intro to Physics if it is available because it will really pay off in the long run.

Q: What is your favorite aspect of your job?

A: I really enjoy the variability of my work. I rarely have two days that are the same and that keeps me challenged each day. I always have to come up with new ways to resolve system issues and customer problems. I also get to impact patient health by making sure that the hospitals and clinics around West TN have the best and latest digital technology for diagnostic imaging.



Q: How do you/your company make a positive impact on society/our community?

A: Carestream Health has always been an innovator in diagnostic imaging which allows Radiologist and other imaging specialist to give their patients the most beneficial care that is available.

We have provided diagnostic imaging equipment to almost every hospital system around the United States and numerous other countries.

This ranges from pediatric x-ray systems at St. Jude Research Hospital to Trauma x-ray and Mammography systems at Regional One Health.



Q: What's the most interesting thing you have been able to do in your professional career?

A: I have really been fortunate to work on many great projects throughout my career. One of my favorite projects was when we recently upgraded a hospital that had a 25 year old analog x-ray system to our newest fully automated digital x-ray room. We also installed two fully digital mobile x-ray systems with wireless image transmission. I also recently went to Hawaii to do work on some of our Carestream X-ray systems, which was a very exciting trip and I had an opportunity to meet new people and experience the island culture.

Q: What makes you get up each morning excited about your profession?

A: I love the idea of not knowing what the day will bring. My profession is both challenging and rewarding because I know that the end result of my work will impact how patients are cared for and the treatment that doctors will prescribe. I really feel that I am making a difference in a patient's life every day by making sure the diagnostic equipment is working at peak performance.

Q: What advice would you share with K-12 students who are considering your profession?

A: Biomedical Engineering is a very diverse career and the earning potential has continued to grow with new technology being created every year. I would recommend getting exposure in the field as soon as possible. This could be internships or co-ops because the biomedical service field usually requires some experience before opportunities are available. Another key aspect for the profession is business interaction. Don't be afraid to take on customer service or sales roles while in high school or college because the skills you learn from these roles will be very beneficial throughout many aspects of your professional career.

Also be open to learn new technologies at a moment's notice because new medical equipment is introduced annually and you'll have lots of continuous education. The career is very rewarding and allows you the flexibility to get involved with many community and business interests.

