



**Brown's Town
Community
College**

ALUMNI

Spotlight

Yash-Yee Johnson

Class of 2010- Asc. in Engineering (CAPE)
Technical Campus



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Tell us about yourself:

I am about to graduate with a PhD in Electrical Engineering from Georgia Institute of Technology. I enjoy designing solutions to problems that make everyday life easier.

Special moment at BTCC:

One such moment was designing the 12V DC power supply for CAPE Year 1 Electrical & Electronic Technology Class. This was my first engineering project and the feeling of being challenged when it began, slowly turning into satisfaction once it was complete, is a feeling that I wanted to have more of. It made me realize just how useful the math, physics, and electrical classes were to solving real-world problems and made me excited to take more of them in college.



How did BTCC influence your career path?

Designing the power supply made me realize how cool electrical engineering is and gave me my first taste of what designing technical solutions entailed. It provided me with a strong foundation and a diverse skill set that translate to the professional world. It has allowed me to complete successful internships at Intel, Ford, & Apple during grad school.

Favorite Courses or Lecturers:

Being taught Electrical & Electronics Technology by Mr. Andre Clarke was truly awesome. I have a very inquisitive mind, and he was never frustrated with me for asking very detailed questions about the material during and after class. Rather, he encouraged me to ask my questions. To this day, I am never shy to ask a question. I also enjoyed Caribbean and Communication Studies with Mr. Raymond Treasure. He delivered the content in such an engaging way I could often imagine myself in the settings he was teaching about.



Career Success:

I will be graduating in May with my PhD in electrical and computer engineering. My research is at the intersection of electrical engineering and computer science. I focus on machine learning image and video processing for medical and autonomous vehicle applications. The knowledge I gained from electrical technology at BTCC gave me passion for the area and I wanted to become an expert in the domain and pursue a PhD.

Skills and lessons learned:

I learned critical thinking, problem solving, communication and analytical skills at BTCC that have stayed with me throughout the years.



Advice for Current Students:

Approach your time at BTCC with a growth mindset. Your time at BTCC is an opportunity for personal and academic growth. Seize every chance to learn, connect, and develop the skills that will serve you well in your future endeavors. Remember to have fun too! This is one of the best times to make lasting friendships. Cherish the lessons you learned and keep your passion alive.

What does being a BTCC Alum mean to you?

It is a lifelong connection to an institution that has played a pivotal role in shaping who I am today.