

Marcel Ntee, 24
Assistant Technician at STG



Please tell us about your past education and work experience.

I completed my high school education in 2007 at Masianokeng High School, Lesotho, achieving position 5 in the top 10 National Academic Excellence Rating. Thereafter, I attended a Bachelor of Sciences Pre-entry program at the National University of Lesotho in 2008.

After being accepted for an engineering scholarship in Cuba, I was awarded a certificate in Spanish language at the Agrarian University of Havana in 2009.

I graduated with a B.S. in Mechanical Engineering at the Camilo Cienfuegos University of Matanzas, Cuba in 2014. My academic research included optimization of manufacturing processes with applications of finite element analyses and artificial neural networks. For my thesis, I studied the use of heavy-duty gas turbines in an oil and gas power plant and implemented an online turbine performance monitoring system to increase its efficiency.

What is your role at STG?

I am an Assistant Technician at STG and I work as a team player with our project manager, main technician, interns and volunteers to engineer solutions and bring about innovative design and

manufacturing ideas to the projects we work on. I started out as an intern at STG in late February 2015 and was promoted to my current position in May. STG is here to stay, and so am I! I really love what we do here and hope to stay for as long as possible.

What do you like about STG in general, and what do you like about the projects you work on in particular?

STG is a unique company, the only one of its kind in Lesotho, with a great team of management staff and technical personnel with a lot engineering experience and expertise in the field of renewable energy technology. Being part of STG staff has given me the opportunity to put my studies into practice, and I have also learned quite a lot in such a short period of time. I worked and continue to work in projects related to component design and manufacturing of mini-grids for rural electrification programs, which include data acquisition and analysis, feasibility studies, CNC machining and many other tasks. I literally liked every aspect of the projects I worked on and I cannot wait to implement our pilot projects in the next few years.

What are some of your other interests and activities?

Besides working as assistant technician at STG, I am also a Spanish Teacher at the Center of Languages Practice in Maseru. I am a painter and artisan, and currently have an art and crafts project underway. I am also an active member of youth awareness programs in my community and share my life experiences as an engineer, aspiring entrepreneur, writer and motivational speaker to inspire other people to reach for their dreams.

What are your goals for the future?

My goals are to invent, design, and give birth to ideas and machines that will contribute towards positive changes of our country's economy and development. Through my input as an engineer, I aspire to tackle with science, some of the major every-day problems our society faces. In addition, encouraging others in different respective fields to do the same, so that we all play our part to ensure a better tomorrow for our country.