

VHUHWA VHO TSHAVHUNGWE

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To whom it may concern.

I am writing to apply for open positions within the roof truss sector.

I completed a master's degree (Cum laude) from Stellenbosch University. My master's project focused on ensuring structural lumber quality for end users of structural lumber and my topic was: "Managing lumber stiffness variation in a sawmill - A statistical quality control approach". I obtained a bachelor's and master's degree in Forestry and Wood Science (Wood Product Science).

I have a solid understanding of quality management tools such as statistical process control, statistical process capability and the use of the DMAIC approach for problem solving. I have experience in investigating quality control processes in products and processes for the purposes of both product compliance to standards and process improvement. I have a great interest in wood based construction. I especially enjoyed modules dealing with wood mechanics, wood products manufacturing, strength of materials, engineering drawing and quality management because of their practical applications and most of the engineering modules where problem solving and computational skills were required.

I believe that the experience I have gained during my undergraduate and postgraduate studies, as well as the industry exposure I gained during a Learnership with Komatiland Forests (Pty) Ltd, has equipped me with a good mix of technical, people management, business and analytical skills that would be beneficial in the work environment. I worked student jobs on campus during my postgraduate studies, which have allowed me to gain skills such as teamwork, reliability, time management and customer service skills. These activities have enabled me to be a well-rounded individual, who can add value to your company.

I would welcome the opportunity to discuss employment opportunities in your company and can be contacted on my cellphone or email. Thank you for your time and consideration.

Yours sincerely,

Vhuhwavho Tshavhungwe



VHUHWAVHO TSHAVHUNGWE

PROFILE

I am a 26 year old female from Venda in Limpopo. I currently live in Pretoria. I have a passion for quality assurance, process improvement and customer satisfaction. Always keen to learn new things. I enjoy learning new skills, making crafts and reading books.

LEADERSHIP AND ACHIEVEMENTS

- Top 3 group for The Fresh connection value chain experience in industrial management.
- Volunteer tutor with TH Children's foundation.
- Participated in the SU Leads leadership conference.
- Achieved a distinction for my master's thesis.
- Part of the LLL (live, listen and learn) program at Stellenbosch University
- Student leadership award from Wits University

REFERENCES

Dr Brand Wessels
MSc Supervisor
Stellenbosch University
021 808 3319
cbw@sun.ac.za

Ms Faith Simelane
Statistical learning designer
GetSmarter
060 720 8205
Faith.thembelihle@gmail.com

EDUCATION

Stellenbosch University, **MSc Forestry and Wood Science (cum laude)**

2017-2018

Thesis: Managing lumber stiffness variation in a sawmill - A statistical quality control approach.

Stellenbosch University, **BSc Forestry and Wood Science.**

2013-2016

Final year Project: Pre-treatment of bagasse fibres in phosphate bonded composite panels.

Relevant modules: Wood drying and physics, Wood mechanics, Wood degradation and preservation, Wood anatomy and identification, strength of materials, Engineering drawing, Professional communication, Production management, Quality Management and Computer skills.

WORK EXPERIENCE

Stellenbosch University, **Open day student assistant**

2016-2018

Communicate relevant information to visiting learners and parents.

Stellenbosch University, **Careers fair student assistant**

2017-2018

Assist the visiting companies with information and event logistics.
Manage the students attending the exhibitions.

Stellenbosch University, **Biometry demi**

2017

Assist students with their weekly statistics tutorials and practical.

SKILLS

- **Computer skills** - Mastery of Microsoft Office programs.
- **Research** - Experience gained doing research for my final year and Master's project.
- **Data analysis** - Experience working with and managing industrial big data.
- **Technical skills** - Experience using R, XLSTAT, VBA, SQL and CAD.
- **Industrial skills**-
- **People skills** - Gained through student jobs and voluntary tutoring at a local school on Saturdays.
- **Creative thinking** - Ability to develop solutions to complex problems
- **Multilingual** - Fluent in English and Tshivenda. Basic understanding of Zulu, Afrikaans and Sepedi