



KGAOGELO FORTUNATE TSHABALALA

BSC MECHANICAL ENGINEERING

PERSONAL PROFILE

High-energy individual, prepared to contribute to organizational and commit to ongoing improvement

WORK EXPERIENCE

Web development Intern

Code Alpha | March 2024 - Present

- Execution of tasks using HTML, CSS, JavaScript, Node.js, React, Express.js, and SQL, as assigned by team leader.

Junior Mechanical Engineer

HiNova | Sep 2023 - February 2024

- computer-aided design, Manufacturing, ordering of material for HVAC systems

Editor of Science and Technology

Cactus communications | Sep 2021 - Sep 2023

- Editing of Scientific manuscripts for grammar and logic (Subject Areas: Electrical engineering and electronic, Manufacturing, Robotics, Mechanical engineering, and Civil and structural engineering)

Mechanical Engineering Vacation Work

Murray & Roberts | Dec 2014 - Feb 2015

- Project planning & Project management

CONTACT ME AT



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Stiemens, Braamfontein,
Johannesburg



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SKILLS SUMMARY

Machine Learning (Python):
CNNs (Encoder-decoder
architectures)

Project Management

Computer-Aided design
(Autodesk and solid edge)

Ansys (structural and
computational fluid dynamics)

Software Development (CSS,
HTML, Javascript, Node.js,
Express.js, React.js, SQL)

Microsoft office (Word, Power
point, Excel)

KG AOGELO FORTUNATE TSHABALALA

BSC MECHANICAL ENGINEERING

Mechanical Engineering Vacation Work

Vergenoeg Mining Company | June 2018 - Feb 2019

- Maintenance planning, computer-aided design, trackless mobile machinery servicing, process monitoring, ordering of parts, artisan assistant

EDUCATIONAL HISTORY

University of the Witwatersrand

BSc Mechanical Engineering | Jan 2012 - Present

- Studied project planning, coordination, and ethics. Computer-aided design, Fluid Mechanics, Mechanics of solids, Manufacturing processes, Engineering Mathematics, thermodynamics, Physics, Introduction to electrical engineering, Statistics for engineers and Introduction to software development

King Makhosonke II High School

- President of the learner's Representative Council
- Grade 12 Aggregate: 82%