

About me

I am a highly motivated Chemical and Process Engineering graduate who is eager to learn and grow in the field of Chemical and Process Engineering. I can work well in a team and individually as well as under authority and pressure. I am a well-presented, articulate and diplomatic individual capable of building and nurturing networks at executive and operational level.

Contact

chitsigatb@gmail.com
t.b.chitsiga@gmail.com
+263 777 178 944

Top Skills

Ms Office Suite
AutoCAD
Aspen
VBA
Research
Data Analysis
Process Mapping
Report Writing
Presentation
Data Visualisation

Certifications

SAQA, degree NQF Level 8
Six Sigma Yellow Belt

Languages

English
Shona
Ndebele

Takudzwa Brian Chitsiga

Chemical and Process Engineer
Harare, Zimbabwe

Experience

Varun Beverages (Pepsi) Zimbabwe

Intern Process Engineer
August 2018 - September 2019 (13 months)

Completed an internship in the quality control department. Duties included quality assurance and product sampling as well as production line monitoring; Data analysis; Research, Improving quality lab processes and Enforcing of ISO standards and safety aspects among production staff and operators.

Engen Houghton Park

Assistant Part-time Service Station Supervisor and Attendant
June 2016 - June 2018 (1 year 1 month)

Supervision of service station staff; handling of service station cash; Management of service station fuel and shop stock ordering; Managed customer complaints and general relations.

Education

National University of Science and Technology (NUST) Zimbabwe

BEng. (Hons) Degree in Chemical Engineering (2015 - 2020)
Grade: Upper Second Class (2.1)

Courses:

Process Engineering Calculations, Engineering Drawing, Plant & Equipment Design, Visual Basic Programming Concepts and Development, Introduction to Computer Science & Programming, Management, Economics & Optimisation, Professional Engineering Skills, Leadership & Conflict resolution, Mineral Processing, Industrial Health and Safety

Kutama College

Advanced Level (2013 – 2014)

Courses:

Mathematics (B); Biology (B); Chemistry (C)

Leadership Roles

- Science club president
- High school class representative
- Second year class representative
- Red Cross society executive
- Toastmasters' treasurer

References

Mr S.Ncube
NUST
+263778630980
sokesimbone.ncube@nust.ac.zw

Dr V.Tagwira
Engen
+264857410064
vtagwira@gmail.com

Mr L.Moyo
NUST
+263784329394
langabmoyo@gmail.com

Mr S. Mutwira
Varun Beverages Zimbabwe
+263774692901

Kutama College
Ordinary Level (2009 – 2012)

Courses:

Mathematics (A); Biology (A); Chemistry (A); Physics (A); English (A); Geography (A); Accounting (A); History (A); Shona (A); Technical graphics (C)

Technical Projects

- Conducted a literature view on production of biodiesel from Marula fruit. (2017)
- Process improvement exercise at the quality lab at Varun Beverages (Pepsi). (2018)
- Designed and mapped out a process to produce trace organic acids from beverage wastewater. (2019 – 2020)
- Designed a 350 tones per day IPA dehydrogenation plant to produce acetone. (2019 – 2020)

Community Projects

- Volunteered to tutor and mentor high school students at Lord Malvern high school. (2015 – 2019)
- Volunteered at Jairos Jiri disabled children's home. (2015 – 2019)

Personal Interests and Hobbies

- Current affairs
- Jogging
- Cooking