

Jethro Volkwyn

Mechanical Engineer-in-Training

Summary


I aspire to become not only a competent engineer but to become an inspirational leader. I enjoy learning; if I am not learning, I am in nature, most likely walking/hiking or mountain biking.

Contact

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 www.jethrov.co.za

 hello@jethrov.co.za

 Cape Town, South Africa

Experience

Intern

Bosch

Oct 2021 - Feb 2022

Schwieberdingen, DE

I completed an International Internship at the Engineering Centre of Competence. The title of my primary project was The Material Characterization of an E-sheet. I completed additional side tasks including Rainflow Counting (programming), Cyclic Creep data analysis, and Strain Data analysis.

Vacation Student

*Kantey & Templer
Consulting Engineers*

Feb 2021 - Feb 2021

Cape Town, RSA

I completed vacation training at their Petrochemical Department. My primary role was to provide support in a Fire Suppression Design project.

Vacation Student

Sasol

Dec 2019 - Jan 2020

Sasolburg, RSA

I completed vacation training at the Group Technology Department. The title of my primary project was Technical Bid Evaluation Criteria for Centrifugal Pump Selection in the Petrochemical Industry.

Student Tutor

Stellenbosch University

Jul 2019 - Oct 2019

Stellenbosch, RSA

I assisted as a student tutor for the Strength (Mechanics) of Materials 143 module. My roles included providing teaching support and test marking every week.

Education

Stellenbosch University

2018 - 2022

Stellenbosch, RSA

HTWG Konstanz

2021 - 2022

Konstanz, DE

Fairbairn College

2013 - 2017

Cape Town, RSA

BEng (Mechanical)

Upper Second Class Division

Golden Key International

International Student Exchange Programme

Winter Semester: coursework

Summer Semester: Internship

National Senior Certificate

Final Score: 92.1% (Top 3). Leadership: Executive Representative

Council of Learners. Sports: volleyball, tennis, hockey. Extra

Mural: Cape Argus Quiz, Film Club.

Skills

Microsoft Excel

Competent

Microsoft PowerPoint

Competent

Microsoft Word

Proficient

Matlab

Proficient

Python

Advanced Beginner

Language

Afrikaans

Limited Working Proficiency

English

Native Proficiency

German

Elementary Proficiency