

EVANS LEKOB TJABADI

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Stand No.20019, Ga-Malaka village, Glen Cowie 1061.

PERSONAL PROFILE

I am currently a full time undergraduate student in electrical engineering at UCT. I developed my leadership and team work skills through my secretary role at Promaths UCT society, mentoring at Kopano residence, and working in course group projects through my study years.

My studies in electrical engineering provide a platform for learning and putting to practice the designing, building and testing principles of electronic circuits and small systems. I plan to explore more skills and knowledge in Process, Control and Automation field, and to be involved in a research in the efficiency of electricity generation.

EXPERIENCE

2017:

Cape Peninsula University of Technology: Vacation Work Training

I received engineering practical training in several engineering disciplines: CNC (design, simulation and milling machine operation), fitting & turning (Lathe machine operation), Welding, Metrology and Basic Hand Skills, Robotics (LEGO, NEXUS microcontroller) and Pneumatics (Easy and medium problems).

Thakgudi High and Matshumane Secondary

Assisted in teaching grade 11 and 12 Mathematics and Physical Sciences during university holidays.

UCT Kopano residence Mentor.

Aiming at easing the settling and adjusting of first years into university and residence life.

Promaths Alumni society-UCT

I was foreseeing the secretary (writing and managing documents and communications) of the executive committee and of the society.

EDUCATION AND QUALIFICATIONS

2017: Bachelor of science in Engineering in Electrical Engineering (Year 2 of 4)

I completed my second year with a **yearly GPA of 84.50%** and maintaining an **overall GPA of 83.66%**.

Maths II, Physics II (for engineers), Analogue and Digital electronics, Power engineering, Mechanics, Professional communication studies, Project management, Embedded Systems I and Signals and Systems I.

2016: Bachelor of science in Engineering in Electrical Engineering (Year 1 of 4)

I successfully completed my first and obtained a **yearly GPA of 82.82%**.

I worked on a successful group project for designing a PV solar system based on UCT Upper campus.

Maths I, physics I, electrical engineering I, computer sciences I, engineering drawing, and African studies (focus on Culture, Identity and Globalisation).

2015: Matshumane secondary school and Kutlwanong centre

I matriculated with distinctions in all seven subjects and average of **90.6%**.

Mathematics **99%**, Physical science **100%**, Life science **96%**, Agricultural science **85%**, Life orientation **91%**, Sepedi-HL **80%**, English-FAL **83%**. Kutlwanong is a weekend and holidays extra classes programme.

ACHIEVEMENTS AND AWARDS

2016:

- Overall top student in MAM1020F (Mathematics for Engineers 1A) 2016 (UCT).
- Amongst the top 15% of CSC1016S (Computer science 1B) 2016 Class (UCT).
- 2016 1st year Dean's Merit list achiever (UCT).
- Within top 15% within my department (and received a Golden Key international society invitation).
- UCT Kopano residence EBE faculty top achiever for 2016.

2015:

- Kutlwanong-Rebone Centre overall top learner and Physical Sciences top learner in matric results.
- Top learner in physical sciences, achieving 100% and attaining position 26 in matric results at Limpopo provincial awards.
- Top learner at Matshumane secondary school, position 3 in Sekhukhune district and 2 in Glen Cowie circuit (Matric results).

SKILLS

- **Language:** Fluent in Sepedi and English.
- **Leadership and teamwork:** Secretary of Promaths Alumni society-UCT. I worked on various successful projects within my first two years of university with people of different attributes.
- **Computer literacy:** Proficient in Microsoft® Word™, and Excel™.
- **Programming:** Proficient in basic Python, Java, C programming language, and basic CNC programming.
- **Basic Machining** (CNC, F/Turning-Lathe, Welding).

INTERESTS AND HOBBIES

- **Programming:** Using Java, C and Python to create small fun codes.
- **Electronics:** Designing, building and testing electronic circuits to knowledge.
- **Music:** Listening to a few genres in free time.

REFEREES

Mr MA Mogaladi
Kutlwanong-Rebone Centre Principal
082 471 3674

Mr JM Tsimba
Ngale Secondary school (Teacher)
081 845 4581