

Elias Sepuru

Electrical & Information Engineering Honours Student

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Git & LinkedIn



github.com/sephoro



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Languages

English ★★★★★
Sepedi ★★★★★

Programming

C++ ★★★★★
C ★★★★★
JS ★★★★★
HTML ★★★★★
MATLAB ★★★★★
L^AT_EX ★★★★★
Python ★★★★★
SQL ★★★★★
Assembly ★★★★★

Software Tools

Multisim ★★★★★
Proteas ★★★★★
Simulink ★★★★★
Anaconda ★★★★★
Power BI ★★★★★
KNIME ★★★★★
ODI ★★★★★
MS Office ★★★★★

OS Preference

Linux ★★★★★
Windows ★★★★★

Education

2016 - Now **BSc(Eng) Electrical and Information Engineering** University of the Witwatersrand
Main subjects: Software Development, Data Intensive Computing in Data Science, Data & Information Management, Signal Processing, Network Systems, Microprocessors, Electronics.
Current Year: 4th

2011 - 2015 **Matriculation** Tlakale Mashashane Commercial High School
Highest Grade: Grade 12.
Main subjects: Mathematics, Physical Sciences, Accounting, Life Sciences, Sepedi HL, English FAL

Experience

02/18 - Now **Tutor** University of the Witwatersrand
Tutoring & mentoring first year Engineering students on how to navigate and survive in the university field. The courses tutored are all the first year Engineering courses.

11/18 - 12/18 **Intern** Wits Business Intelligence Services
Development and application of Machine Learning models using techniques such as Clustering, Random Forest, Decision Trees and Naive Bayes to predict and classify data using KNIME, Anaconda & Python.

06/18 - 07/18 **Intern** Wits Business Intelligence Services
Cleansing of Big Data, creation of data marts using ODI and SQL and the creation of a dashboard using Power BI.

Certifications

12/2018 **Data Science Fundamentals** Wits Business Intelligence Services
Business Intelligence Concepts: Data Warehousing, Data Wrangling, Machine Learning (ML), ML Models, Data Mining, Data Analytics, Data Presentation

Achievements

2017 **Top 15%** University of the Witwatersrand

2017 **Dean's List** University of the Witwatersrand

2016 **SAIEE Past President Scholarship** SAIEE

2016 **University Entrance Scholarship** University of the Witwatersrand

2015 **Top Matriculant** Tlakale Mashashane Commercial High School

2015 **Cricket Team Captain** Tlakale Mashashane Commercial High School

Extra Curricular Activities

02/19 - Now

Student Assist

Wits CCDU

Making students aware of vacation work opportunities and graduates aware of graduate recruitment programmes. Assisting with the organisation of career open days, wellness campaigns and company open days.

Cricket Player

Member of Equal Education

Member of SAIEE

References

Innocent Mamvura

Data Scientist, Wits Business Intelligence Services

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Dr. Stephen Levitt

Software Development Lecture, School of Electrical &

Information Engineering

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