Mosa Mabula

BSC (ENG) ELECTRICAL ENGINEERING

- 📍 Yale Village, 65 Empire Road, Parktown, 2193
- ✉ academics.mosamabula@gmail.com
- 📱 073 008 4693
- 🔗 @Mosa Mabula

SKILLS

Problem Solving Skills
●●●●●●○○

Team Working Skills
●●●●●●●○

Leadership Skills
●●●●●●○

Programming Skills
●●●●●●●

Communication Skills
●●●●●●○

INTERESTS

Web Development
Back-end Development
Front-end Development
Data Analytics
Cloud Technology
Software Architecture

OBJECTIVE

I am a highly motivated and driven Electrical Engineering student with a strong interest in technology and passion for learning. I thoroughly enjoy tackling challenging problems and I aim to be exceptional at all tasks I undertake. I have experience with a variety of software development technologies as well as embedded system development. My experience in the professional working world has taught me the importance of working with diverse people. I am keen on gaining more professional experience from bright minds in the software development domain.

WORK EXPERIENCE

LIBRARY STUDENT ASSISTANT

WITS Law Library   Mar 2022 - Present

VACATION WORK STUDENT

WITS BIS   Jul 2022/Dec 2022

PYTHON COURSE DEVELOPER

TechWays   Jul 2021 - Aug 2021

ARCHIEVEMENTS

NICIS High Performance Computing Student Cluster Competition   Jun 2022 - Dec 2022

Wits Team-1 (Position 2)

VIRTUAL INTERNSHSHIPS

Mobile Engineering   Apr 2022

Lyft

Agile Virtual Experience   Apr 2022

JPMorgan Chase & Co

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NOTABLE GRADES

Engineering Physics IA
87%

Mathematics II
83%

Engineering Physics IB
78%

Software Development I
78%

Engineering Analysis and Design IB
77%

Analysis and Design IA
76%

Data Structures and Algorithms
76%

Engineering Chemistry I
75%

Engineering Mathematics IB
74%

Cybersecurity Virtual Experience
Mastercard
Apr 2022

Digital Assurance & Intelligence
PwC Switzerland
Jan 2022

New world. New skills: Power BI Virtual Case
PwC Switzerland
Jan 2022

Digital Technology
General Electric
Jul 2021

Discovery Program
Accenture Australia
Jul 2021

Engineering Virtual Program
Goldman Sachs
Jul 2021

Software Developer Program
Accenture Nordics
Jul 2021

Careers in Tech
Commonwealth Bank Australia
Jul 2021

EXTRA-CURRICULAR COURSES

Learn Bash Scripting
Codecademy
May 2022 - May 2022

Introduction to Cybersecurity
Codecademy
Feb 2022 - Feb 2022

Learn Spring
Codecademy
Jan 2022 - Feb 2022

Power BI Dashboards
Codecademy
Jan 2022 - Jan 2022

Intro to Cloud Computing
Codecademy
Jan 2022 - Jan 2022

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NOTABLE GRADES

Signals and Systems I
72%

Applied Physics I
71%

Electric Circuits
68%

Engineering Mathematics IA
65%

Introduction to the Engineering Profession
62%

Microprocessors
61%

Elementary Isizulu Language and Culture IA
61%

Electronics I
59%

Physics II (Electrical)
57%

EXTRA-CURRICULAR COURSES

Software Design Principles   Nov 2021 - Nov 2021
Codecademy

Learn Git & Github   Oct 2021 - Oct 2021
Codecademy

Learn SQL   Sep 2021 - Oct 2021
Codecademy

Learn Java   Jun 2021 - Sep 2021
Codecademy

Java for Programmers   Jun 2021 - Sep 2021
Codecademy

LEADERSHIP EXPERIENCE

ELECTRICAL & INFORMATION ENGINEERING SCHOOL COUNCIL   Oct 2021 - Nov 2022
Deputy Secretary

FIRST YEAR EXPERIENCE   Oct 2021 - Nov 2022
Mentor

BARNATO HALL RESIDENCE   Mar 2021 - Nov 2021
Student Disciplinary Committee

REFEREES

JOANNE BRINK

CEO: TechWays

- Cell: 072 728 5877
- Email: joanne@brighterfuture.co.za

INNOCENT MAMVURA

ML Engineer: WITS Business Intelligence Services

- Tel: 011 717 1148
- Email: innocent.mamvura@wits.ac.za

TEBOHO KELE

Chairperson: School of EIE Council 2022

- Cell: 076 467 3121
- Email: 1839353@students.wits.ac.za