



STEVEN HLOPHE

SOFTWARE ENGINEER | DATA ADMINISTRATOR

CONTACT

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EDUCATION

2025 - Present
UNISA

- Diploma in Operations management (in Progress)

2021
COURSERA

- Google Data Analytics Professional Certificate (Completed)

2020 - 2021
DEVIARE

- Software engineering Learnership (Completed)

SKILLS

- Python programming
- JavaScript Programming
- SQL
- REDCap
- Power Bi
- Excel
- Version Control
- CSS/Bootstrap
- Angular

PROFILE

Highly skilled Software Engineer with expertise in Python programming. Proficient in leveraging Python for data analysis, visualization, and project development, with a strong background in healthcare data management. Proven track record of successfully designing, developing, and deploying data-driven projects using Python, with complementary skills in JavaScript, SQL, Power BI, and REDCap

WORK EXPERIENCE

Wits VIDA Research Unit

2021 OCT - 2022 DEC

Data Administrator

- Creating databases with REDCap using branching logic and field embedding
- Creating dashboards in Power BI for data visualization
- Importing data from SQL to Power BI and refreshing dashboards
- Creating scripts in Python to read in data and identify data inconsistencies
- Creating scripts in Python to read and manipulate data (e.g. long to wide, wide to long, created variables, dropped unnecessary variables, manipulated variables)
- Exploring the use of Python to perform probabilistic matching to deduplicate a dataset
- Consulting with data managers, project managers, and other team members on data related outputs

Deviare

2020 DEC - 2021 AUG

Software engineering intern(Python Developer)

- Designed, developed, and deployed multiple Python applications using various frameworks and libraries (e.g, Flask, NumPy, pandas)
- Created mobile applications using JavaScript and Python
- Collaborated with product team members to implement new features on websites and mobile applications

REFERENCE

Dr Alane Izu

Lead Biostatistician

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Jacob Kopanye

Head of Data

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