

## Contact

0711702702 (Home)  
chabi.seopa@gmail.com

[www.linkedin.com/in/mmasechaba-francesca-s-54650aa7](https://www.linkedin.com/in/mmasechaba-francesca-s-54650aa7) (LinkedIn)  
[voyageofhappiness.wordpress.com/](https://voyageofhappiness.wordpress.com/)  
(Personal)

## Top Skills

Git  
Disability Rights  
Postman API

## Languages

Afrikaans (Limited Working)  
Tswana (Native or Bilingual)  
Korean (Elementary)  
Sotho, Southern (Full Professional)  
Northern Sotho (Native or Bilingual)  
English (Native or Bilingual)

## Certifications

Fundamentals of Waterfall Project Management  
Introduction to IoT  
Networking Basics  
Endpoint Security  
Networking Devices and Initial Configuration

# Mmasechaba Francesca Seopa

Software Developer | Freelance Writer  
Johannesburg Metropolitan Area

## Summary

Code warrior on a mission to change the world one line of code at a time, with a passion for disability and human rehabilitation. Making waves in the tech and disability sectors.

## Experience

IAPWE | International Association of Professional Writers and Editors  
Freelance Junior Writer and Blogger  
September 2023 - Present (8 months)

### MTN

Graduate Engineer: IoT/M2M Platforms and Cybersecurity  
October 2022 - June 2023 (9 months)

### Tych Business Solutions

Disability and Information Technology Recruiter  
September 2022 - November 2022 (3 months)  
Cape Town, Western Cape, South Africa

worked in the Information technology recruitment sector. What is more, specializing in disability recruitment.

### MethodData

Junior Full Stack Developer  
January 2022 - May 2022 (5 months)  
Baltimore, Maryland, United States

Part of a team that dealt with integrations using APIs and serverless by transferring information/data from CRMs such as Salesforce, Smartsheets and Fullbay into HubSpot.

### Uav4africa

Mechanical and Mechatronics Engineering Intern

September 2019 - December 2021 (2 years 4 months)

City of Johannesburg, Gauteng, South Africa

An engineering intern that has been tasked with designing the LOCUS recovery system of a drone and coming up with a cost-effective conceptual design of the drone recovery system.

I was later moved onto another project which involves The LOCUS system and modular autonomous drone solution built with a rugged environment in mind. It comprises a flight vehicle platform (FVP), remote docking station (RDS) and handheld command station (HCS). I am tasked with developing functions that send information between two transceivers.

## UCT Research Contracts & Innovation

New Venture Support Intern

July 2021 - November 2021 (5 months)

Cape Town, Western Cape, South Africa

This internship consisted of 35 students which were separated into groups. Each group had a different project assigned to them. My group was assigned the wellness project which consisted of nutrition, exercise, mental health, and sleep. This wellness project was brand new and was started from scratch.

## Code for Cape Town

Code Facilitator

March 2018 - February 2020 (2 years)

Cape Town, Western Cape, South Africa

Facilitated Code courses designed for high school students in Cape Town. The courses are developed to equip high school girls with programming skills necessary in today's modern society and the fourth industrial revolution.

## Zaio

1 year 3 months

Front End Web Developer

April 2019 - January 2020 (10 months)

Cape Town Area, South Africa

I worked on NISA Finance Click Casino Game Project, my role was to create the login and logout functionality, make sure user data is stored in a database and accessible on the user dashboard and admin dashboard, create two casino related games (Slot Machine and Scratch Pad) for the application and deployment.

React and Firebase was used for creating the application, for the login and logout functionality, I learnt how to authenticate users with google phone number sign-in method, I learnt how to store and retrieve data using firebase and how to persist user data in all react components of the project using redux. I also learnt how to style responsiveness for different devices screens and how to deploy with Heroku.

Front end web developement Intern  
November 2018 - April 2019 (6 months)  
Cape Town Area, South Africa

Trained To become a front-end web developer that specializes in ReactJS.

Cape Peninsula University of Technology  
Vacation Work Student  
November 2019 - December 2019 (2 months)  
Cape Town, Western Cape, South Africa

I completed a one-month training course in Engineering at the Cape Peninsula University of Technology (CPUT). I obtained fundamental skills in welding, pneumatics, CNC machining, control systems, fitting and turning, metrology, and basic hand skills.

Pragma Global  
Engineering Intern  
June 2019 - July 2019 (2 months)  
Cape Town, Western Cape, South Africa

An engineering student that was tasked with solving asset management related industry problems by applying the IoT (Internet of Things) to solve problems.

Aerobotics  
Data Operations Intern  
December 2018 - December 2018 (1 month)  
Cape Town Area, South Africa

Data operations intern that quality controlled, tree cleaned, and stitched drone imagery.

Pragma Global  
Student Asset Management Landscape Training  
July 2018 - July 2018 (1 month)  
Midrand, Gauteng, South Africa

An engineering student that was tasked with asset management problems and applied asset management landscape theory to solve the problems.

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## Education

University of Cape Town

Bachelor of Engineering - BE, Mechanical and Mechatronics

Engineering · (March 2017 - December 2021)

University of Cape Town

Postgraduate Degree, Disability Studies · (February 2023 - October 2024)

Academy of Modern Applied Psychology

Diploma of Psychology, Modern Applied Psychology · (January 2023 - September 2023)

Scrimba

Certificate, Frontend Development · (April 2024 - December 2024)