

# Virginia Rachel Morongwa Mthimunye

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github.com/ginamorongwa 🐙

I am a graduate with a bachelor's degree in Computer Science and Computer Engineering currently doing Honours in Computer Science. I'm highly motivated to constantly develop my skills and grow professionally. Well versed in numerous programming languages including Python, Java, C/C++. I am passionate about technology with interests in AI, machine learning, software development, android app development and solution architecture. I am open to a challenging environment that is exciting, innovative, and offers room for growth.

## EDUCATION

### BSc (Hons) Computer Science University of Cape Town

03/2021 - Present

Cape Town

#### Coursework

- Functional programming
- Research and innovation
- User-centred design of digital systems
- Modern programming language compiler
- Artificial Intelligence
- ICT for Development space
- Network and internet network security
- Large scale database applications

### BSc Computer Science and Computer Engineering University of Cape Town

03/2017 - 12/2020

Cape Town

#### Coursework

- Data Structures
- Database management
- Computer Networks
- Theory of Computation and algorithms
- Machine Learning in C++
- Information Systems
- Embedded Systems
- Concurrent and Parallel programming in Java

### National Senior Certificate Ndzundza Mabhoko Secondary

01/2013 - 11/2015

Pretoria

## WORK EXPERIENCE

### Computer Science Tutor University of Cape Town

02/2019 - Present

Cape Town

Assist students with difficult concepts, problems in assignments, mark tests and assignments and invigilate during tests and practical tests.

### Mathematics Tutor Summit College

02/2016 - 09/2016

Johannesburg

Assist students with homework, tutorials and teach new concepts to matric students.

## SKILLS

Python Java C/C++ Javascript Haskell  
HTML5 CSS Git SQL MySQL UML  
Android App Development Linux React

## REFERENCES

Gary Stewart - Lecture and Supervisor

gstewart@cs.uct.ac.za 021 650 2665

Stephan Jamieson - Senior Scientific Officer

stephan.jamieson@uct.ac.za 021 650 1296

## VOLUNTEER EXPERIENCE

Kitchen Representative and Fire Marshal, Obz Square  
(02/2020 - 11/2020)

Act as a liaison between the kitchen and the residence management.

Subcommittee, UCT Developer Society  
(03/2019 - 11/2019)

Corridor Coordinator and Mentor, Tugwell Hall  
(02/2018 - 11/2018)

Act as mentors to first-year students. Involved in the planning of Res Life and wellness activities, talks, and workshops.

## ACHIEVEMENTS

Merit Certificate (09/2019)

Obz Square residence

Merit Certificate (09/2018)

Tugwell Hall residence

Merit Certificate (2018)

UCT Computer Science

Dean's Merit list (2017)

UCT Science Faculty

## INTERESTS

Games Music Movies & Series AI  
Machine Learning Web Development ICT4D  
Software Development Networks and Security