

# Joan Mwaniki

## BSc Computer Science

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📍 Pretoria, 0002, South Africa

### Programming Languages

JavaScript

HTML5/CSS

PHP

C++

Java

### ★ References

Ms Tayana Morkel - "University of Pretoria"

- Lecturer
- tmorkel@cs.up.ac.za
- +27 12 420 5267

Eloise Law-van Wyk - "Mastercard Foundation"

- Student psychologist
- eloise.law-vanwyk@up.ac.za

Ruvarashe Mpofu - "Casmara"

- Promotions Manager
- +27 62 318 7957

### Interests

Calligraphy

Documentaries

Anime

*Energetic and highly enthusiastic individual with a creative approach to problem solving. Self-driven and punctual with an ability to effectively collaborate, communicate and complete tasks.*

## Education

01-2016 - 11-2019

**BSc Computer Science**  
**University of Pretoria** Pretoria, South Africa

01-2011 - 11-2015

**NSC (Matric)**  
**Hoerskool Patriot** Witbank, South Africa

## Work experience

07-2019 - 11-2019

**University teaching assistant**  
**University of Pretoria** Pretoria, South Africa

- Assisting students with practicals.
- Forwarding student queries to lecturer.
- Grading tests and practicals.
- Recording grades.

08-2019 - 11-2019

**Tutor**  
**Mastercard Foundation** Pretoria, South Africa

- Scheduling tutoring sessions.
- Writing tutoring plans based on individual's need.
- Assessing and reporting on student progress.
- Assisting student prepare for exams and practical assignments.
- Motivating and encouraging student.

03-2018 - 06-2019

**Brand Promoter**  
**Casmara** Pretoria, South Africa

- Educating customers on product and service offerings.
- Helping customers select products that best fit their personal needs.
- Develop and maintain good relationships with store managers.

## Projects

### Taxi-Boss

- Year project aimed at creating a reporting system to report on a taxi driver's driving behaviour.
- Build statistical reports from data.
- Github link - [Taxi-Boss](#)

## Achievements and Awards

### Catalysts Coding Contest

- 11/2018
- Third place.

### Limelight Mobile App Development Challenge

- 06/2018 - 10/2018
- Second place.