

## EMPLOYMENT

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### Android Developer

DVT

February 2019 – Present

#### Mukuru Mobile App - consultant

- Front-end Android development.
- Implementing new and enhancing existing App features according to Business specifications and standards.
- Provide support for quality assurance testing and defect resolution
- Take part in scrum sessions and team meetings to communicate project status in adherence to the Agile approach to software development.

### Junior Android Developer

ABSA (Consultant)

August 2017 – November 2018

#### ABSA Mobile Banking App & Sling Pay App

- Front-end Android development.
- Implemented redesign of new and existing App features according to Business specifications and standards during 2018 ABSA re-branding.
- Provide support for quality assurance testing and defect resolution
- Participate in scrum sessions and team meetings as prescribed by the agile methodology

### Intern - Associate Android Developer

Reverside

April 2017 – November 2018

- Full-stack developer graduate program path. Selected for Android Mobile Developer path
- Successfully placed at ABSA as an Android Developer (1 of 2 selected from 9)

### Computer Science Tutor

University of KZN

2014 – 2016

- Tutor (Practical sessions) for first year Computer Science students (Java and Python) – 5 semesters
- Hot-seat leader (Teaching assistant) for first year Computer Science students – 4 semesters

## EDUCATION

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### Pietermaritzburg

University of Kwa-Zulu Natal

2012 – 2016

- BSc Computer Science and Information Technology
- BSc Hons Computer Science

## TECHNICAL EXPERIENCE

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### Projects (Some on my GitHub: <https://github.com/simonyathi1>)

- Honors project: Image processing-based research on:  
“*Orientation and scale-independent barcode detection and decoding*” using C++ and OpenCV.
- [ScanAir For Android](#) a published Android app
- Currently working on 2 personal unpublished Android projects:
  - One involving location services and using Firebase for Database and Firebase Auth
  - Another Involving an extensive use of Animations as I leverage the Android animation libraries.
  - The other is a simple few-button and screens App that uses Telephony.
- Personal Website written using HTML, CSS, and JavaScript : [www.onesimonyathi.online](http://www.onesimonyathi.online)

## TECH-STACK and LANGUAGES and SKILLS

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- **Tech:** Android studio, Jira, Confluence, Bitbucket, Zeplin, Git, Firebase.
- **Languages:**
  - Competent: Android, Java, Kotlin, JavaScript, HTML,
  - Familiar: C#, VB.Net, Python, NodeJS, SQL.
  - Novice: C++, R, PHP, Flutter, Dart
- **Soft Skills:** Leadership, Public speaking, Communication,
- **Architectures:** MVP, Clean, MVVM(Not too competent)

## REFERENCES

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- Mr Mandla Gwetu (Supervisor) University of KwaZulu-Natal Lecturer. gwetum@ukzn.ac.za
- Maxime Mbabele (ABSA) Part of the team involved in my recruitment. mmbabele@gmail.com
- Tummie Makgetlaneng (ABSA) tmakgetla@gmail.com