

LUTANDO NGQAKAZA

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EDUCATION

- University of Cape Town** *September 2014*
M.Sc. in Computer Science
Research dissertation toying in the "Internet of The Things".
Published research in Springers LNCS 2014 Journal.
- University of Cape Town** *December 2012*
B.Sc. in Computer Science
Minored in Mathematics and Computer Engineering.

EXPERIENCE

- WhereIsMyTransport** *April 2014 - Present*
Backend Software Developer *Cape Town, South Africa*
- Product owner for the in-house security token service. Based on OAuth/OpenIdConnect.
 - Working with the emerging ASPNET Core framework on the new dotnet CLR.
 - Making contributions to the ASPNET Github repositories (EntityFrameworkCore, Security)
- Amazon Web Services** *December 2012 - February 2013*
Software Developer Engineer Intern *Cape Town, South Africa*
- Formed part of the EC2 UX Team.
 - Updated a legacy tooling application that was used to update instance metadata.
- The University of Cape Town** *February 2010 - Junel 2014*
Part-Time Tutor & Teaching Assistant *Cape Town, South Africa*
- Tutored students in computer science topics generally around object oriented programming and data structures.
 - Served as a teaching assistant for a CS101 course in 2013.
- BrandsEye** *June 2012 - July 2012*
Software Developer Intern *Cape Town, South Africa*
- Worked on improving a set of machine learning classifiers used to discern human sentiment written in Groovy.
- Quirk eMarketing** *June 2011 - July 2011*
Software Engineer Intern *Cape Town, South Africa*
- Used image processing libraries in C++ (OpenCV) to do real-time object detection in live/streaming video.

TECHNICAL STRENGTHS

Computer Languages	C#/ASPNETCore, Java, Python
Protocols & APIs	REST, OAuth, OpenIDConnect
Databases	Microsoft SQL, MongoDB
Tools	Git, TFS, VSTS