Imaculate Mosha
Curriculum Vitae

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TECHNICAL EXPERIENCE

03/02/2020 – PRESENT

Microsoft HQ, Redmond
Software Development Engineer II

Working on Microsoft Word Graphics and Engaging Experiences Group. Working on Word's backend to improve User Experience

06/03/2019 – 02/28/2019

Microsoft HQ, Redmond
Software Development Engineer

Worked in the Tools for Software Engineers Team (Page), specifically CloudTest. Designing and implementing distributed systems. Reviewing code and mentoring junior members.

10/02/2017 – 05/31/2019

Microsoft Development Centre, Vancouver
Software Development Engineer

Worked remotely in the Tools for Software Engineers Team (Page), specifically CloudTest. Designing and implementing distributed systems. Reviewing code and mentoring junior members.

01/23/2017 – 01/21/2017

Amazon Development Centre, CapeTown
Intern Software Development Engineer

Worked on the troubleshooting page for failures when connecting to EC2 instances. Implemented with Java, CSS and internal framework.

02/11/2016 – 05/31/2016

Department of Computer Science, University of CapeTown
Research Assistant

Worked on a Simple Sequencing prototype, specifically Directed IMS sequencing for educators under the supervision of Dr.Hussein Suleiman. Implemented the web application using front-end web technologies and Nodejs framework.

11/30/2015 – 02/12/2016

j5 International www.j5int.com
Software Development Intern

Worked on enhacing the j5 Intergrated Development Environment(IDE) and bug fixes using wxpython.

06/17/2015 – 07/09/2015

Digiata www.digiata.com
Programmer Intern

Implemented a framework for Object Relational Mapping using C#. Compared the performance Entity Framework Dapper, SqlFu, PetaPoco, Nhibernate and LightSpeed for the company tasks.

12/09/ 2013 – 01/17/2014

Niafikra www.niafikra.com
Intern developer

Developed a web application, Autodeployer for deploying projects from Git/Bitbucket to the respective production server. Available at https://github.com/imaculate/Autodeployer.

02/09/2014 – 05/29/2015

University of CapeTown
Course Tutor

During semester time I tutored Computer Science and Electrical Engineering over the whole period. I ran tutorial sessions, supervised and marked labs and tests.

LEADERSHIP EXPERIENCE

DECEMBER 2015 - 2016

Women In Computer Science, UCT
ChairPerson

Fundraising and cordinating events with the committee

SEPTEMBER 2014 - JULY 2015

Google
Google Student Ambassador

Founded the Google Students Club at UCT. Cordinated technical development events with support from Google.

2014 - 2015

Student Orientation and Advocacy Centre, UCT
Orientation leader

In February of the two years, I guided new students around University, in a team of selected students.

EDUCATION

2013 – 2016	**BSc Electrical and Computer Engineering** *University of CapeTown, South Africa*
2006 - 2012	**A-level Certificate** *Marian Girls' High School, Tanzania*

TECHNICAL PROJECTS

2016	**Doublecheck(Link to devpost page)** *Outlook addin developed in online hackathon*
2016	**Scikit-Learn (github.com/scikit-learn)** *Contributor to open source Machine Learning library*
2015	**Accela(github.com/JustOmondi/ES-project)** *Audio Project for Embedded Systems course*
2014	**Footsteps (devpost.com/software/footsteps)** *Android app for happiness developed in online hackathon*
2013	**Blogger (technofunology.blogspot.co.za)** *A frequently updated blog showcasing my technical activities*

Awards and Distinctions

2016	Web Summit 2016 scholarship
2015	Top 20 award for APL coding contest
2014, 2015	Grace Hopper Conference Scholarship
2014	Google Anita Borg scholarship
2013, 2014, 2015	Class medalist for several courses, Dean's Merit List

Software skills

PROFICIENT LEVEL	Java, Python, C++ , Git, JavaScript
INTERMEDIATE	C#, VHDL , C, APL, Octave, Matlab,HTML, CSS, Groovy, Haskell, Scheme, GoogleApps Script, Go, LaTeX

References

Available on request