DICKSON UKANG'A MUTSOTSO

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PROFESSIONAL EXPERIENCE

Ona   **December 2013 - Present**
Co-Founder and Software Engineer   Nairobi
- Co-Founder of a software engineering and design firm that develops open source tools to help organizations make smarter use of data to address important global challenges.

Columbia Global Centers — Africa - Nairobi   **April 2012 - November 2013**
Programmer, School of Engineering   Nairobi
- Develop, implement and support ict solutions for Millennium Villages Project in particular ChildCount+ and CommCare.
- Develop, implement and support data collection and data analysis software solutions for the Sustainable Engineering Lab, Earth Institute in particular formhub.org, pyxform and bamboo.io.

Earth Institute Millennium VIllages Project   **October 2011 - April 2012**
Programmer, Independent Contractor   Nairobi
- Develop, implement and support a web and web mobile phone based software solutions for Millennium Villages Project ChildCount+.
- Develop MVP Health Indiccators Reports.

Tracom Services Limited   **July 2011 - January 2012**
Enterprise Software Developer   Nairobi
- Solutions Innovation Research And Development: Bank Switches, Intranets Development, Web based banking solutions.
- IT Systems Management and Administartion: Linux, Weblogic, Developer Operations.
- Led Applications Quality Assurance and Testing team.

Millennium VIllages Project: Sauri Village   **August 2009 - June 2011**
ICT Solutions Administrator   Kisumu
- Develop, implement and support a web and mobile based platforms for Millennium Villages Project including OpenMRS and ChildCount+ for community healh workers to monitor the health of women and children under 5 years old.
- Development of a national scale SMS based clinic based monitoring system in Uganda for FIND.
- Knowledge transfer and training.
- Technical Support.
- Project Management.
- Monitoring and Evaluation Support, development of health indicator reports.

NetExchange Solutions Limited   **2008 - July 2009**
Web Developer   Nairobi
- Develop, implement and support a web based platforms for clients in the banking industry.
- Development of the Safaricom IPO online registration and Safaricom IPO Back Office web applications.

Munaalu Distributers   February 2003 - March 2004
Shop Assistant   Kakamega
- Customer Relations and stock taking

EDUCATION

Kenyatta University

Bachelor of Science Computer Science   **2004 - 2008**
- Internship at Swift Technologies   April - August, 2007
- An active member in Computer Science Club Kenyatta University, I was Project Coordinator in 2007/2008.
- Participant on the 2007 IEEE Exhibition in the mobile applications category.
- Attended Python for Nokia Symbian OS bootcamp at University of Nairobi, conducted by Nathan Eagle - MIT

Nairobi School

High School   **1999 - 2002**
- Involved in the Juniour Achievement Program.
- I was a member of SCAD (Students Campaign Against Drugs).

REFEREES

Mr. Francis G. Kenyaga
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Columbia Global Centers — Africa
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Nairobi

LANGUAGES

English (Fluent), Kiswahili (Fluent)

GEOGRAPHIC WORK EXPERIENCE

Kenya, Uganda, India