
CURRICULUM VITAE

Onang'o Brian Odhiambo
E-mail: surgbc@gmail.com
Address: P.O Box 90 - 40223, Kadongo
Mobile: 0706 662011

Personal Details

NAME: Onang'o Brian Odhiambo
PROFESSION: Mechatronics Engineer
DATE OF BIRTH: November 11th, 1991
NATIONALITY: Kenyan
MARITAL STATUS: Single
RELIGION: Adventist Christian

Personal Statement

Humanity suffers from divers problems, some of which are unknown to them. It is my aim to always make known to them these problems and play my part in providing the solutions, ever motivated by this statement: "Whatsoever your hand finds to do, that do with all your strength, for there is no work in the grave where you are going."

Education

2006 – 2009 Alliance High School

2011 – 2015 Jomo Kenyatta University of Agriculture and Technology(B.Sc Mechatronic Engineering)

Skills

Computer programming: native, mobile and web applications

Windows bash and linux shell scripting

Embedded systems programming

Mechatronic systems design

Mechanical systems design

Electronic systems design

Computer platforms: Windows, Linux

Programming languages: Assembly language, C, php, python, prolog, javascript, matlab, mathematica

Software: Solidworks, Matlab, Mathematica, Office applications

Employment Record

May 2011 – September 2011 Newtech Inc, web programmer

“CSESS: A computerized system for buying food in the JKUAT mess with a web interface”

January 2014 – April 2014 Fablab Nairobi, Embedded systems developer

“CSWEEPER: A sweeping robot”

January 2015 – April 2015 JKUAT, Mechanical engineer

“CSHELTER: An automated compressed earth block machine”

January 2012 – To Date Circuits and Systems Engineering Company, CEO

Personal Projects

2015, CSIS: Final Year Project

This was an automated machine for making compressed earth blocks which was done as a final year project for B.Sc mechatronic engineering.

2015, JKUSDA Families

This was a web application to help with dividing the church members into balanced groups taking into account all possible factors.

2014, JKUSDA projector assistant(JKUSDAPA)

This was a web application that helps with projection during church services for hymns, bible verses and announcements.

2014, JKUSDA Treasury

This was a web application for managing church financial records with the ability to print receipts and email electronic receipts.

Competitions

Lions of Science 2015, “CSHELTER: An automated compressed earth block machine”

Lions of Science 2014, “CSWEEPER: A sweeping robot”

JKUAT Tech Expo 2013, “CSLIBRARIAN: A robot for shelving books in a library”

JKUAT Tech Expo 2012, “CSWEEPER: A sweeping robot”

JKUAT Tech Expo 2011, “CSESS: A computerized system for buying food in the JKUAT mess with a web interface”

Microsoft Imagine Cup 2010, “CSWEEPER: A sweeping robot navigation software”

Research Projects

2015, "Cserial cycle: Increasing output capacity of multi-mold compressed earth block machines"

2012, "Cserial logic: Bandwidth efficient data transmission by pseudo-simultaneous transmission of signals"

Patents

2016, "An Energy Efficient Arm for Manual Compressed Earth Block Presses"

2016, "An auto Filing and Ejecting Manual Compressed Earth Block Press"

2016, "A Low Power Multi-mould Compressed Earth Block Press"

Languages

	<u>Speaking</u>	<u>Reading</u>	<u>Writing</u>
English	Excellent	Excellent	Excellent
Kiswahili	Excellent	Excellent	Excellent
Dholuo	Excellent	Excellent	Excellent

Hobbies

Singing, reading the bible, farming, missionary work

Referees

1. Eng. Wawira Nyaga
Mechatronics Department,
Jomo Kenyatta University of Agriculture and Technology,
P.O BOX 62000 - 00200,
Nairobi
Email: wawiranyaga@eng.jkuat.ac.ke
Tel: +254722662886
 2. Reagan Omullo
Co-founder,
Circuit and Systems Engineering Company
Email: roreom@gmail.com
Tel: +254710158958, +254737367642
 3. Pastor Amos Kombe
JKUAT Pastor
Tel: +254720844570
-