

**Joseph Ndegwa,**  
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## **SUMMARY STATEMENT**

Telecommunication and Information Engineering Professional with fast skills in intranet maintenance, PBX, workstations, LAN networking and embedded systems design with great interests in information technology changes around the globe.

## **SKILLS AND ATTRIBUTES**

- Highly motivated and detail-orientated.
- Able to collect, enter and organize data.
- Ability to learn quickly, prioritize tasks and manage conflicting deadlines.
- High standards of trustworthiness, reliability and loyalty.
- Ability to work under pressure.
- Excellent analytical and organization skills as well as excellent communication skills.
- A good team player with excellent interpersonal skills.
- Programming skills in C, C++, HTML, Java, JavaScript and PHP.
- Hands on skills operating Windows and Linux (Mint distribution) operating systems.
- Skills in MySQL database system management.

## **ACADEMIC AND PROFESSIONAL QUALIFICATION**

<b>2017</b>	Bachelor of Science in Telecommunication and Information Engineering - Jomo Kenyatta University of Agriculture and Technology.
<b>2011</b>	Kenya Certificate of Secondary Education (KCSE Grade: A)- Murang'a High School.
<b>2007</b>	Kenya Certificate of Primary Education (KCPE Marks 402/500)- Wambwe Primary School.

## **WORKING EXPERIENCE**

<b>AUGUST TO SEPTEMBER 2016</b>	<b>Duties &amp; responsibilities;</b> <b>Kenyatta National Hospital: Engineering intern</b> <ul style="list-style-type: none"><li>• Maintaining laundry machines (particularly AC motors).</li><li>• General overhaul of the industrial boilers.</li><li>• Ensuring change management, system alterations and enhancements are controlled and in line with engineering best practices.</li><li>• Playing an active role to ensure successful implementation of electrical projects.</li><li>• Fueling the generators.</li><li>• Installation of LED and fluorescent tubes in the patient wards; work also included frequently attending to cooking heaters in the various employee offices.</li><li>• Conducting regular scheduled maintenance.</li></ul>
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<p><b>JULY TO SEPTEMBER 2015</b></p> <p><b>MAY TO AUGUST 2014</b></p>	<ul style="list-style-type: none"> <li>• Monitoring overall system to ensure all functions are not interrupted in the organization.</li> <li>• Performing any other duty that may be assigned by immediate supervisor.</li> </ul> <p><b>Duties &amp; responsibilities;</b>  <b>Schneider Electric Kenya: Electrical and IT intern</b></p> <ul style="list-style-type: none"> <li>• Processed maintenance service tickets for employees while at the IT department.</li> <li>• Maintain network and system security</li> <li>• Intranet maintenance, PBX, Workstations and LAN networking.</li> <li>• Monitor networks to ensure security and availability to specific users.</li> <li>• Switchboard and control panel assembly.</li> <li>• Interpreting switchboard schematics and doing the necessary wiring at the workshop.</li> <li>• Electronics-UPS Systems Installations.</li> <li>• Troubleshoot problems reported by users.</li> <li>• Providing of professional, courteous and rapid response to individual users.</li> </ul> <p><b>Duties &amp; responsibilities;</b>  <b>Octrinsic Technologies: Embedded systems designer</b></p> <ul style="list-style-type: none"> <li>• Design microcontroller-based projects at Octrinsic Technologies.</li> <li>• Developing a home security project schematic and board using the software – current project am undertaking.</li> <li>• Programming electronic projects on Atmel Studio Software and Arduino IDE using C language.</li> <li>• Also dealt with Pulse Width Modulation and USART microcontroller utilities.</li> </ul>
<b>OTHER TRAINING</b>	
<b>JUNE 2012</b>	KASNEB Examination CPA Section I and II (Part I) and Passed.
<b>BIO DATA</b>	Gender : Male. Nationality : Kenyan. Date Of Birth : 13 <sup>th</sup> May 1994. Language : English, Kiswahili.
<b>HOBBIES AND INTERESTS</b>	
	<ul style="list-style-type: none"> <li>• Playing football; active footballer at high school.</li> <li>• A passion for entrepreneurial activities with an obsession for consistency and success.</li> <li>• Gym and working out.</li> </ul>

**REFEREES**

Mr. Willy Kuria, Principal Murang'a High School, P.O Box 101-10200, Murang'a. Phone no: 0724-167580.	Mr. Antony O. Onim, Department Industrial Attachment Coordinator, Jomo Kenyatta University of Agriculture and Technology, P.O. BOX 62000-0200, Nairobi. Phone no: 0721148180.	Eng. Peter K Aketch, Octrinsic Technologies, +254 723 268 653, info@octrinsic.com Phone no: +254723 268 653.
Mr. David Odhiambo, Senior Administrator, Schneider Electric Kenya Ltd. P.O BOX 46345-00100, Nairobi, Kenya. Phone no: +254 703 069000/ +254 730 169000.	Kenyatta National Hospital HR, P.O BOX 20723-00202, Nairobi.	