**RESUME**



**Name:** CHO HILARY SCOTT NKIMBENG

**Birth Date**: 18/01/1993

**Nationality:** Cameroonian

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**EDUCATION**

**March 2016 -- FEB 2018 Masters of Science in Electrical and Computer Engineering**

**GPA (4.13/4.5) Percentage Average 95.3%(Ajou Univ) KOR**

**October 2010 – July 2013 Bachelor’s Degree Electrical and Electronic Engineering**

**Specialty: Telecommunications**

**GPA (3.35/4) Univ of Buea Cameroon**

**September 2007- June 2009 GCE ADVANCED LEVEL CERTIFICATE**

**Subjects: MATHS, FURTHER MATHS, BIOLOGY, CHEMISTRY**

**September 2002- June 2007 GCE ORDINARY LEVEL CERTIFICATE**

**September 1996- June 2002 FIRST SCHOOL LEAVING CERTIFICATE**

**EDUCATIONAL RESEARCH EXPERIENCE**

* Developed a Metal Detector Module Security System in my Undergraduate Degree Design Capstone Project.
* Carried out my final undergraduate research project on the “Evolution of wireless Communication Technologies in Cameroon”
* Developed a low cost PIR-Sensor Data Collection Module using PIR sensors, RTC clock module and SD card Module used for tracking Human Movement.
* Developed Activities of Daily living algorithms using Sequential patterns.
* Experience with IOT sensors like PPG and tri-axial Accelerometer.
* Developed a Step Counting Algorithm android app using Android studio.
* Experience with Arduino Programming of IoT sensors.
* Experience with Mat lab.
* Experience with HTML and CSS
* Experience with Smart Home Sensors (temperature sensors, Gas sensors, humidity sensors)
* Experience with Smart Lighting Philip Hue.

**RESEARCH PUBLICATIONS**

**Publications**

**Master’s Thesis Research Paper “**A method of Efficient Prediction Analysis of Sleep duration in Smart Home based on using PIR sensors”. Dec.2018 Ajou University Library

**Bachelors Final Research Paper** **“**Evolution of wireless Communication Technologies in Cameroon” June 2013 University of Buea Cameroon Library.

**International conference on Engineering and Applied Sciences(ICEAS-2017) Toronto**, Canada June 27-28 “Method of Monitoring Daily Activity Sequence in Smart Home Environment Using Binary Sensors” Authors CHO HILARY SCOTT NKIMBENG, Sun Taag Choe, We-Duke CHO.

**International conference on “engineering & technology, Computer, Basics & applied Sciences” ECBA-2016**, Seoul, South Korea. “Measuring method of Direction and speed based on human movement Detection by using two PIR sensors” Authors CHO HILARY SCOTT NKIMBENG, Sun Taag Choe, Junho Kim, We-Duke CHO.

**Summer Workshop on Communications (SWCC) 2017 Korea**, “Detection of sleep time trend line analysis of wrist type activity meter activity intensity information systems” authors Jeong-Ho Ha, Cho Hilary Scott Nkimbeng, Sun-Taag Choe, we duke Cho.

**Summer Workshop on communications(SWCC) 2016 Korea** “Daily similarity in life Log Based on position and Activity information” authors Kyu Feel Lee, Sun-Taag Choe, Jong-IK Lee, Cho Hilary Scott Nkimbeng, We- Duke Cho.

**HONORS AND AWARDS**

**2016-2018 FULL TUITION SCHOLARSHIP** based On Academic Excellence for entire Master course program.

**July 2013 DEANS LIST FOR EXCELLENCE** AT Bachelor’s Degree GRADUATION CEREMONY.

**2011-2013** benefited from Presidential Award for Excellence in state Universities Cameroon.

**2004-2009** Tuition Scholarship for Intelligent students by the Presbyterian mission

**JOB EXPERIENCE**

**Mobile Telecommunications Network(MTN) Cameroon**

Job title: IT engineer and Technical Sales Personnel

July 2013 to July 2015

Job Functions:

* Network Configurations, Internet configurations of modem, network troubleshooting, educating new staffs on Emerging technologies, Helpdesk support.
* Local Area networks(LAN), Networking TCP/IP, Install, configure, service, repair, and maintain information technology systems in both a stand-alone and client-server environment.
* Install and configure wireless hubs, routers, switches, and various transmission media, server hardware and software, and ensure the proper installation and configuration of workstation hardware and software for efficient operation on the network.
* Technical Sales Personnel of Smart Phones, internet modems, Sim cards, Mobile money transfers, Bills Payment through MTN mobile money.
* Responsible for Competitive Strategy Development
* Product promotion
* Sales Training and Development
* Product Promotion

**CAMEROON TELECOMMUNICATIONS (CAMTEL BUEA)**

**June 2012 to December 2012**

**Intern**

**Job Functions:**

* experience in installations, maintenance and exploitation of telecommunications equipment.
* Planned network installations by studying customer orders, plans, manuals and technical specifications; ordering and gathering equipment, supplies, materials and tools, assessing installation site; preparing an installation diagram.
* Established Voice and data networks by running, pulling, terminating and splicing cables, installing telecommunications equipment, routers, switches, multiplexors, cable trays and alarm and fire- suppression systems.
* Verified service by testing circuits, equipment and alarms, identifying, correcting or escalating problems.
* Documented network by labeling and routing equipment and cables; recording configuration diagrams and specifications.

**OPENCARE LAB COMPANY SOUTH KOREA**

**MARCH 2018- MAY 2018**

**INTERN**

* Development of Step Counting Algorithm using 3-trial Accelerometer in smart Phone using Android studio.
* Experience with Smart Lighting Installation Using Philips Hue.
* Experience with Smart home Edison IoT Sensor Kit.

**SUN NETWORKS TELECOMMUNICATION COMPANY KOREA**  
**MARCH 2017 to MAY 2018**

**INTERN: TECHNICAL PRODUCT PROMOTION PERSONNEL**

Responsibilities

* Product Marketing and Searching for clients
* Development of attractive advertising techniques to attract clients to get Company Products.
* Product promotion campaigns.

# Specialized Skills

**Programming Languages:** C, MATLAB, Java, HTML, CSS, C++, Android Programming

**Programs:** Excel, Computer windows installations, visual studio

**Operating Systems**: Windows XP, Windows 7, windows 8, windows 10. windows 2003

**OTHER SKILLS**

* Proven ability to manage through others.
* Strong decision making and problem solving skills.
* Ability to build rapport and trust quickly with work colleagues.
* Track record of delivering results with deadline.

**LEADERSHIP SKILLS**

Held the post of Educational Prefect for five years (2002-2007)

Held the post of welfare officer at the University of Buea (2012-2013)

**LANGUAGE PROFICIENCY**

English (Fluent), French(intermediate), Korean(basic)