Michael Derrick Odhiambo

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CV

EDUCATION

University of Burgundy, Dijon, France – Sept 2016 - Present

- Master of Science (M2) in Advanced Electronics System Engineering

- Core Units: Electromagnetic Interference, Radio Frequency Engineering, Sensors, System Architecture and Programmable Logic Controls.

- **Internship:** L2E - UPMC – Hyper-resolution spatial data focusing using MIMO systems

Jomo Kenyatta University of Agriculture and Technology (JKUAT) - Jan 2010 – June 2013

- Bachelor of Science (BSc. Hons), Electrical and Electronics Engineering

- **Project:** GSM Enabled Home Automation System

- **Internship:** Advanced Telecommunications Lab – Design and development of mini Lab based GSM trainer (Technical University of Mombasa)

Mombasa Polytechnic University College, Mombasa, Kenya – Sept 2006 – Dec 2008

- Higher Diploma in Technology (Telecommunication and Information Engineering)
- **Internship:** Telcom Kenya (Currently Orange Telcom Kenya)

Mombasa Polytechnic   Sept 2000 – Dec 2003

- Diploma in Electronics Engineering

- **Internship:** Ministry of Public Works (Electrical Department)

SCHOLARSHIP

- French Government scholarship to pursue my Master 2 (Advanced Electronics System Engineering in France (2016 -2017))

WORK EXPERIENCE

Sorbonne Universités - University of Pierre & Marie Curie(UPMC)

Research Internship – (April 2017 – September 2017- 6 months)

Responsibilities: Carried out literature review, state of art research, design and simulations and measurements of a hyper-resolution spatial data focusing system using code. These culminated in a written report and defense before a jury. The research was part of the ANR funded project GEOHYPE, which has the goal of implementing *geocasting* systems for hyper resolution data focusing.

Technical University of Mombasa

Senior Technologist, Advanced Telecommunication lab – (2012 – Present)

I am currently on study leave to pursue further studies in France.

Responsibilities: Support lecturers in conducting practical/lab sessions and research; Guide students in their research and project work; Development and implementation of appropriate maintenance programs; Preparation and repair of practical lab equipment; Assist in curriculum development; Budgeting and coordination of acquisition of laboratory equipment; Ensure compliance with operational standards.

Technical University of Mombasa

Senior ICT officer (Computer Networks and Web Services) (2009 – 2012)

Responsibilities: Carried out effective provisioning, installation/configuration, operation, and maintenance of computer systems, networks, hardware, software and related infrastructure. Together with my team researched and developed innovative operational strategies that enabled efficient use of the ICT infrastructure.

Tatuweb Media and 254codeclub

Found Team Leader (2004– 2007)

- Founded Tatuweb media, an 'in garage' ICT services entity aimed at providing cost effective ICT services mainly to start ups, SMEs and NGOs and also serve as a platform for newbie ICT enthusiasts (mostly immediate college graduates) to gain market experience and confidence.

- Volunteer coach 254codeclub kids Science Technology, Engineering and Maths (STEM) program with a bias towards computer coding and robotics

TEACHING EXPERIENCE

Technical University of Mombasa
Part Time Lecturer (National Diploma Level)   - (2009 – 2016)
Units Taught
- Telemetry Systems
- Data Communications
- Computer Networks Engineering
- Software hardware Interface Engineering
- Project supervision of diploma students and initiating mini-research projects in the relevant disciplines.

AFFILIATIONS

Registered graduate engineer, No. B8675 with the Engineers Board of Kenya
Registered Member, Internet Society