Arnold K. Bett
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Address
P.O Box 30197-00100
Nairobi
Kenya

Arnold Bett

Electronics Engineer

About Me Contribute to best practices in electronics technology and information, communication technology (ICT), products through continuous learning and application of new technological practices

Education

2015 - 2016, University of Nairobi
MSc in Distributed Computing Technology

2002 - 2007, University of Nairobi
Bsc in Microprocessor Technology and Instrumentation

Experience

2008 - present, *Senior Technologist*, University Of Nairobi
Responsibilities:
- Offering technical support to undergraduate and postgraduate students during laboratory sessions and projects
- Offering technical support to researchers in the department
- Repair, maintenance and development of new laboratory set-ups
- Development and presentation of annual Nairobi International Trade Fair projects
- Assisting in procurement of new laboratory equipment (computers, research tools, embedded development Kits and assorted electronics components)
- Facilitating and attending conferences and workshops for research

Jul 2007 - Jan, 2008, *Department of physics,Industrial electronics unit*, University Of Nairobi
Responsibilities:
- Set up of electronics circuits production lab
- Programming of micro-controllers
- Production of electronics boards
- Development of a micro-controller rapid development kit

Jun 2004 - Oct 2004, *Internship*, Kenya Bureau of Standards
Responsibilities:
- Calibration of measuring instruments
- Time and frequency calibration
- DC voltage calibration

Feb 2004 - Present, Personal Projects
Responsibilities:
- Hardware control over Internet
- Electronic circuit board design and production
- Wireless communication and control
- Design and development of Unmanned Aerial Vehicle

Communication Skills

2016, *Oral Presentation*, University Of Nairobi
Presented research conducted for my Masters of Science in Distributed Computing Technology.

2011, *Presentation*, Second Workshop on Open Source and the Internet for Building Global Scientific Communities (Trieste, Italy)
Presented some of the work I have been working on using embedded systems developed at the University of Nairobi

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Software Development Skills

Programming

- C
- C++
- OpenScad
- Shell
- PHP
- Eclipse IDE
- Python
- Matlab

Computer Software

- MySQL
- linux
- Android

Awards

2016, *Nairobi Innovation Week,* **University of Nairobi**
Awarded for Best Exhibitor

2015, *Workshop on Scientific Applications for the Internet of Things (IoT)* ∼ **Trieste, Italy**
Certificate for participation

2013, *First International Workshop on"Low-cost 3D Printing for Science, Education and Sustainable Development"* ∼ **Trieste, Italy**
Certificate for participation

2011, *Second Workshop on Open Source and the Internet for Building Global Scientific Communities* ∼ **Trieste, Italy**
Certificate for participation

2011, *Effective minute taking and management training* ∼ **Nairobi, Kenya**
Certificate for participation

2009, *Advanced Training Course on FPGA Design and VHDL for Hardware Simulation and Synthesis* ∼ **Trieste, Italy**
Certificate for participation

2009, *2nd Awareness workshop on Relevance of Low Cost Wireless ICT solutions for Development* ∼ **Trieste, Italy**
Certificate for participation

2009, *ICTPITU/BDT School on Wireless ICT Low Cost Solutions in Developing Countries: Best Practices* ∼ **Trieste, Italy**
Certificate for participation

2008, *Commendation letter,* **University of Nairobi**
College of Biological and Physical Sciences

2004, *International Christian Center,*
Awarded for Above and beyond the call

2008, *2nd IT conference,* **Strathmore College**
Certificate for participation

Interests

Professional
Digital fabrication and design(3D Printing and prototyping), Embedded systems, Internet of Things, web design, web app creation, software design

Personal
Guitar, Photography, Cooking, Motor sports, Running, Swimming

Referee
Available On Request