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| Joseph Kimbowa  Electrical and Control Engineering |

### **Work**

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| **2020/11 -**  **Present** | **Part-time Lecturer**  *International University of East Africa, Kansanga (Kampala)*  Control Systems Theory; Circuit Theory and Analysis; C/C++ programming; Engineering Drawing with AutoCAD |
| **2023/08 -**  **Present** | **Part-time Lecturer**  *Uganda Martyrs University (Fort Portal)*  Applied Electronics, Power Electronics, Engineering Mechatronics |
| **2023/04 -**  **Present** | **Part-time Lecturer**  *Nkumba Univesity, Nkumba (Entebbe)*  Image processing; OOP, Event-Driven Programming, Structured Programming |
| **2021/09 -**  **2022/07** | **Part-time Assistant Lecturer**  *Kabale University (Kabale)*  Instrumentation and Measurements; Control Systems Theory; Mechanics; Electromechanical Drive systems |
| **2018/12 -**  **2020/03** | **Installation Technician**  *Huahui Ceremcs Co. Ltd., Kapeeka, Nakaseke (Uganda), Goodwill Ceramics Co. Ltd., Kapeeka, Nakaseke (Uganda)*  Power and electrical equipment installation and maintance |

### **Internships/ Workshops**

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| **2017-09 /**  **2017-10** | **Trainee**  *Institute of Automation, Shandong Academy of Sciences, 19th keyuan Road, Jinan City, Shandong Province, 250014 (P. R. China)*  Systems architecture and underwater sensing, and sampling technology of underwater vehicles;   Motors and motor control technology; High Performance Hydraulic Pump System Using SRM;   Evaluation of the 2010 Toyota Prius Hybrid Synergy Drive System; Intelligent agricultural machinery and Precision farming; Microcontroller principle and application. |
| **2013-12/ 2014-01** | **Trainee**  *INATEL Algerian Industry of Telephony, B. P. 77 TLEMCEN (ALGERIA)*  Working principle of routers, telephone accessories and network setup;   Assembly process and inspection of routers, telephone handsets and intercoms. |

### **Projects**

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| **2018-05** | *“Design and Realization of a Three-stage Material Process Control System based on Siemens SIMATIC PCS 7 (Including a PCS 7 software package, an S7 400 PLC and a Simulated Processing Plant)”* – Project and Thesis for obtaining a Master’s Degree in Control Theory and Engineering – Lanzhou University of Technology (Lanzhou City, China). |
| **2014-05** | *“Study and Realization of a Modulated Siren using an NEE555 Integrated Circuit”* – Project and Memoire for obtaining a Bachelor’s Degree in Electrical and Electronics Engineering – Abou-Bakr Belkaid University of Tlemcen (Algeria). |

### **Education**

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|  | ***Highest Education*** |
| **2015-09/ 2018-06** | **LANZHOU UNIVERSITY OF TECHNOLOGY, LANZHOU GANSU (CHINA), MSc CONTROL THEORY AND ENGINEERING**  Coursework in Linear systems theory, Signal detection and Estimation theory, Modern digital signal processing, Pattern recognition, Intelligent control, Advanced process control, Distributed Control Systems and Numerical analysis. |
| **2011-10/ 2014-05** | **UNIVERSITE ABOU-BAKR BELKAID, TLEMCEN (ALGERIA), BSc ELECTRICAL AND ELECTRONICS ENGINEERING**  Coursework in Electrical power systems, Electrical measurements, and Digital and Analogue electronics. |
|  | ***Other*** |
| **2014-09/ 2015-06** | **LANZHOU UNIVERSITY OF TECHNOLOGY, LANZHOU GANSU (CHINA), INTENSIVE MANDARIN COURSE, HSK LEVEL 4**  Intensive study of Mandarin including writing, reading, comprehension and speaking. |
| **2010-10/ 2011-05** | **UNIVERSITE SAAD DAHLED, BLIDA (ALGERIA), FRENCH LANGUAGE LEVEL 1**  intensive French language course covering speaking, listening, writing and comprehensive exercises. |
| **2004-02/**  **2009-12** | **MAKERERE COLLEGE SCHOOL, ORDINARY AND ADVANCED SECONDARY EDUCATION**  Middle and High School level studies. |

### **Certificates**

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| **2018-06** | Graduation Certificate, Lanzhou University of Technology (Lanzhou City, P. R. China) | |
| **2017-10** | Certificate of Completion: Training/ Workshop, Institute of Automation (Jinan City, P.R. China) | |
| **2015-07** | Chinese Proficiency Test Certificate: HSK Level 4, Lanzhou University of Technology (Lanzhou City, P. R. China) | |
| **2014-01** | Certificate of Completion: Training/ Workshop, INATEL (Tlemcen, Algeria) | |
| **2011-05** | Certificate of Completion: French Language, Saad Dahleb University (Blida, Algeria) | |
| **2010-04** | Uganda Advanced Certificate of Education, Makerere College School (Kampala, Uganda) | |
| **2008-04** | Uganda Certificate of Education, Makerere College School (Kampala, Uganda) | |
| **Personal Info**Address Makindye, Kampala (Uganda) Phone +256750115519; +256785690312 Email [j.kimbowa2013@gmail.com](mailto:j.kimbowa2013@gmail.com)  [iamelectronjoe@outlook.com](mailto:iamelectronjoe@outlook.com) Date of Birth 1989-08-09  *Marital Status*  Single LinkedIn [www.linkedin.com/in/joseph-kimbowa-036827103](http://www.linkedin.com/in/joseph-kimbowa-036827103) **Skills** Object Component-Oriented Software: MatLab and SimuLink, SIMATIC PCS 7, Proteus, LabView, AutoCad.  Wiring Schematics.  Programing: Ladder Logic, C/C++, Java, Python, R.    Microsoft Office, Google Docs. **Language Proficiency** English (fluent);  French (working knowledge);  Chinese/ Mandarin (working Knowledge);  Luganda (mother tongue). **References**   |  | | --- | | Dr. Kibalya Godfrey Mirondo  *Lecturer*  ***Dept. Electrical Engineering***  Busitema University  Tel: +256 773 527 950 | | Eng. Kigongo Nunda  ***Maintenance Engineer***  Uganda Electricity Transmission Company Ltd  Tel: +256 784 194 931 | | Musa Nasaaga  ***Assist. Lecturer***  Muni University  Tel: +256 752 017044 | | |