

Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)

Address(es)

Telephone(s)

Fax(es)

E-mail

Nationality

Date of birth

Gender

Desired employment /
Occupational field

Work experience

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector



Odax UGIRIMBABAZI

University of Rwanda / College of science and Technology
Avenue de l'Armée,
P.O.BOX 3900
Kigali
Rwanda

Mobile : +250 788 660 818

odaxu2@yahoo.fr / ugirimbabazi@gmail.com

Rwandese

11 August 1982

Male

World Class Electrical Engineer

From 6, August 2015 to till now

Assistant Lecturer in Electrical and Electronics Engineering Department, Faculty of Engineering.

Lecturing some Modules, helping students to do some tutorials and laboratories experiments.

College of Science and Technology (CST)
Avenue de l'Armée, B.P.3900 Kigali Rwanda
Tel: +250 252 574696 / 252 574698
Fax: +250 252 571925 / 252 571924
Website: www.cst.ur.ac.rw

Lecturer in Electrical and Electronics Engineering Department

20, June 2011 to 6, August 2015

Tutorial Assistant in Electrical and Electronics Engineering Department, Faculty of Engineering.

Helping students to understand their lectures, helping them to do some tutorials and laboratories experiments.

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Website: www.cst.ur.ac.rw

Teaching in Electrical and Electronics Engineering Department

Dates	January – June 2011
Occupation or position held	Teacher in Electrical and Electronics Department.
Main activities and responsibilities	Teaching secondary school students, Development and maintenance of department laboratories and guiding students during experiments.
Name and address of employer	Groupe Scolaire A.D.B Nyarutarama Avenue Nyarutarama, P.O. Box : 1796 Kigali Rwanda Tel: +250788791415
Type of business or sector	Teaching in Electrical and Electronics Department.
Dates	October 2004 to December 2005
Occupation or position held	Chief Electrician
Main activities and responsibilities	Installation and Maintenance of Electrical and Electronics devices (Machines)
Name and address of employer	Supply & Services in Electro technical, I.T Solutions & Civil Engineering (SELEC – TPC Ltd) Avenue de l'AMAHORO Stadium, CITT KIST, P.O. Box : 646 Kigali Rwanda. Tel : +250783021664
Type of business or sector	Electrician
Education and training	
Dates	From September 2016 to till now
Title of qualification awarded	<u>PhD Student in Power Systems</u>
Principal subjects/occupational skills covered	Techno-Economics Optimum Sizing of Hybrid Power System for Rural Electrification in East Africa
Name and type of organisation providing education and training	University of Rwanda / College of Science and Technology (CST)
Level in national or international classification	ISCED Level 8
Dates	From August 2013 to June, 2015
Title of qualification awarded	<u>Master of Science in Renewable Energy</u>
Principal subjects/occupational skills covered	The programme has four partially overlapping main areas covering the whole industry and energy supply sector <ul style="list-style-type: none"> ▪ Renewable energy, with hydro power, bioenergy, wind energy, solar energy plus hydrogen, fuel cells and thermoelectricity, for zero emission transportation systems ▪ Production systems for electrical energy, starting with hydro power and continuing with wind power, solar power, power system dynamics and the future smart electricity grid ▪ Industrial applications, with modelling and simulation, electrical motor drives for industry and offshore, power electronics and advanced control theory ▪ Design and control of energy systems, covering electricity supply, bio fuelled plants for heat and power and advanced control theory
Name and type of organisation providing education and training	University of Agder (UiA)
Level in national or international classification	ISCED Level 7
Dates	From 2006 to 2010
Title of qualification awarded	<u>Bachelor of Science in Electrical Engineering</u>
Principal subjects/occupational skills covered	Electrical Machines, Electrical Network Analysis, Electrical Power System, Power Electronics, High Voltage Engineering, Control System Engineering, Power Plant Engineering, Electrical Engineering Materials, Microprocessor, Introduction to Telecommunication and Renewable Energy.
Name and type of organisation providing education and training	Kigali Institute of Science and Technology (KIST)
Level in national or international classification	ISCED Level 6

Dates **From 1998 to 2004**
Title of qualification awarded Professional Certificate of Secondary Education in Electricity.
Principal subjects/occupational skills covered Electro techniques, General Electricity, General Electronics, Automatism pneumatics & Hydraulics, Electrical Practical Workshop, Electrical Drawing, Technical Drawing, General Mathematics, General Physics, General Chemistry, General English & English for Technology.
Name and type of organisation providing education and training Groupe Scolaire Mater Dei Nyanza
Level in national or international classification ISCED Level 2 & 3

Dates **From 1992 to 1998**
Title of qualification awarded Certificate covers six years of full-time schooling.
Principal subjects/occupational skills covered Lessons that start the compulsory education
Name and type of organisation providing education and training Bungwe Regina Pacis Primary School.
Level in national or international classification ISCED Level 1

Date **June – August 2010**
Title of qualification awarded Certificate in Electrical Machines Operator.
Principal subjects/occupational skills covered Bottles Washing Machine, Bottles Filling Machine, Caps Sealing Machine, Bottles inspector Machines, Boiler machines, Compressor Machines, Air Conditioning System.
Name and type of organisation providing education and training BRALIRWA S.A Rwanda.
Level in national or international classification Industrial Attachment for the award of Bachelor of Science in Electrical Engineering

Date **June – July 2008**
Title of qualification awarded Certificate in Automation Control
Principal subjects/occupational skills covered Design Microcomputer Car Rally, Solar Car Rally, Electrical Car Rally and Small Robot.
Name and type of organisation providing education and training Japanese International Cooperation Agency (JICA)

Personal skills and competences

Mother tongue(s) Kinyarwanda

Other language(s)

Self-assessment

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user

(*) [Common European Framework of Reference for Languages](http://europass.cedefop.europa.eu)

Social skills and competences

I have worked in various types of team projects from rewiring newly built estates to electrical maintenance of various corporate businesses, Electrical and Electronics Machines installation for different industries
 Team work: For 2 years I coached my secondary school football team;
 Intercultural skills: I am experienced at working in a Rwandan dimension such as being a leader in debating about "youth against violence seminar" and working with country side peoples.

Organisational skills and competences

I am competent electrical engineer which is also involves organising teams to carry out various work projects. In Collage of Science and Technology where I work as Assistant Lecturer, I have been appointed as member for a committee in charge of validating the Programme Specifications for Electrical and Electronics Engineering. I am also involved in writing projects and search for funds.

Technical skills and competences	As somebody who studied Electrical in Technical Secondary school and continues with Electrical Engineering in the University, both Bachelor and Masters, I am competent of governing Complex or Sophisticated Permanent and Temporary electrical design and implementation. Much experience in Technical project writing and apply for their funds.
Computer skills and competences	Competent with most Microsoft Office Programmes and some experience with HTML, XML & Advanced Web Technology, Computer Modelling and Simulation, Computer Hardware and Maintenance, Matlab, Simulation X, Maple Programming, Lab View and HOMER programming for Hybrid Power Plant.
Other skills and competences	Competent with Plumbing design and Implementation; Competent with Welding Design and Implementation; Competent with Carpentry Design and Implementation. Competent with Solar System Design and Implementation.
Involved Projects	<ol style="list-style-type: none"> 1. BASE: Competence Development in E-Learning, Engineering & Energy sector (Norway & East Africa, 2015 - 2020, Budget: 20 million USD): The project aims to build a long-time knowledge transfer effort to support the growing needs in East Africa for an emerging energy industry. The BASE project brings together universities and clusters from the regions of Bergen, Agder, Ålesund, Stavanger and East Africa into an innovative model of collaboration and capacity building of engineering expertise in East Africa. 2. The African Centre of Excellence in Energy for Sustainable Development (ACEESD): CST & EAC, 2016-2020, Budget: 6 Million USD): Provide the much needed skilled for-fit-purpose critical mass MSc and PhD graduate holders who will serve as change agents in academic and technological expertise in achieving energy objectives in the Eastern and Southern African. The ACEESD will facilitate inter and trans-disciplinary research, capacity development, technology development in inter regional energy trade as well as offering alternative off grid clean energy technologies, with the main focus being to transfer knowledge to rural areas in a bid to promote the sustainable development in marginalized areas of East and Southern Africa.
Additional information	<p>PERSONAL INTERESTS</p> <p>Enjoy all sports particularly football and running. Love to travel and experience different peoples. Like to listen news, Pray and listen to the word of God.</p> <p>REFERENCE PERSON</p> <p>Dr. Philibert Nsengiyumva: Head of Electrical and Electronics Engineering. College of Science and technology (CST) Tel : +250788585394 / 0728585394 E – mail : nsenga_philibert@yahoo.com</p> <p>Prof. Dr-Ing. Etienne Ntagwirumugara: ACE-in Energy for Sustainable Development, Leader. College of Science and technology (CST) Tel : +250788353874 E – mail : etienne.ntagwirumugara@gmail.com / entagwir@yahoo.fr</p> <p>Prof. Ghislain Maurice Norbert Isabwe: Professor and Researcher in Engineering. University of Agder (UiA) Tel: +47 96 20 87 54 E – mail : maurice.isabwe@uia.no / maurice.isabwe@gmail.com</p>
Annexes	<p>LIST OF ITEMS ATTACHED</p> <p>N/A</p> <p>I hereby testify to the best of my knowledge that the information given above is true.</p>

Odax UGIRIMBABAZI