

NAME: Eng Jean Bosco NIZEYIMANA	
<ul style="list-style-type: none"> • Date of Birth: 15/04/1984 	Nationality: Rwandan
<ul style="list-style-type: none"> • Address 	KIGALI RWANDA Email: nijeboss@gmail.com Tel. +250788422247 Status: Married
<ul style="list-style-type: none"> • Education 	<ul style="list-style-type: none"> • PhD Candidate at Distant Production House University (DPHU), DELAWARE, USA. • Master of Science Degree in Highway Engineering and Management from University of Rwanda, September 2012-August 2014. • Bachelor's Degree in Civil Engineering with Distinction from National University of Rwanda 2006-2011 • Advanced General Certificate of Secondary Education A₂ with Distinction in Mathematics & Physics from Groupe Scolaire S^t Joseph
<ul style="list-style-type: none"> • Membership of Professional Associations 	Corporate Engineer in Institute of Engineers RWANDA Reg No: A200/EC/IER/2013
<ul style="list-style-type: none"> • Other training 	<ul style="list-style-type: none"> • August 2014 Driving license category B • 03/2014 Training to road Geometric Design with AutoCAD Civil 3D at USAID/KIGALI • May 2013 Training to Pavement Analysis with BISAR 3.0 and Bitumen analysis with BANDS2.0 • December 2010. Training to Seismic design with Autodesk Robot Structural Analysis at GENIECIVIL S.P.L/BUJUMBURA-BURUNDI. • October 2010: Training of Autopiste & Piste 5.05 /KIGALI • July 2009: Training of COVADIS at BUTARE/UNR
<ul style="list-style-type: none"> • Languages 	French and English, KINYARWANDA is a mother tongue
<ul style="list-style-type: none"> • Publication 	<ul style="list-style-type: none"> ▪ August 7th, 2014: MSc Thesis: Tyre pressure and Axle load surveys of Heavy vehicles and the implications in Northern Corridor, RWANDA.

Post Graduate Courses

Education Institution	Post graduate courses	Date
University of Rwanda	<ul style="list-style-type: none"> • Pavement Materials and Construction 	2012
University of Rwanda	<ul style="list-style-type: none"> • Road Asset Management 	2012
University of Rwanda	<ul style="list-style-type: none"> • Pavement Design 	2013
University of Rwanda	<ul style="list-style-type: none"> • Highway Project Management, Evaluation and fundings 	2013
University of Rwanda	<ul style="list-style-type: none"> • Geometric Design of Highways 	2013
University of Rwanda	<ul style="list-style-type: none"> • Transport Data Collection and Quantitative Research Methods 	2013
University of Rwanda	<ul style="list-style-type: none"> • Highway Drainage and Maintenance Management of Bridges 	2013
University of Rwanda	<ul style="list-style-type: none"> • Traffic Engineering 	2013
University of Rwanda	<ul style="list-style-type: none"> • Dissertation: Tyre pressure and Axle load surveys of Heavy Vehicles and the implications in Northern Corridor, RWANDA. 	2014

• **Experience records , Training , and consultancy works**

- 28th-29th September,2019 Viva voice presentation at OUAGADOUGU/BURUKINAFASO of the PhD research proposal entitled:

STUDIES OF PERFORMANCE OF CRUSHED STONE AGGREGATE COMPARED TO LATERTIC MATERIAL IN THE PAVEMENT BASE LAYER.

(<https://www.dphu.org/news/get/160>)

- 12th July-18th July2019: *Visual Assessment of Highway from Helsinki to Lappeenranta FINLAND with the aim of PhD research orientations.*
- 4th July-8th July2019: *Visual Assessment of railways from Brussel LEUVEN to Brussel Airport-ZAVENTEM/BELGIQUE with the aim of PhD research orientations.*
- April2019: *Economic Appraisal of upgrading gravel road to Bituminous road with HDM4 of the following provincial road (RP) and district road (RC):*

✓ RP106:NDAVA-BUHAYIRA-NDORA (30Km) &

✓ RC 131:KAGWEMA-MUDUBUGU-RANDA(12Km) /BURUNDI

for HYDRO-ELECTRIC POWER CONSULTING (HEPC)

- **December 2018: KIGALI ARENA STADIUM PROJECT**
 - ✓ *Geometric Design of internal access roads and parking for HORIZON CONSTRUCTION.*
- **June 2018-till to date: Geometric Design of Access Street (5.11Km footpath (3.698km) and Cross drain (2.946 km) in the City of KIGALI [NYARUGENGE Sector] for HORIZON CONSTRUCTION.**
- **December 2017 Construction Works of Asphalt Roads in Ruhango town,Ruhango District**
 - ✓ *GARE-KANAZI-MUNINI Road Section 4 and 6 (1.291 km) For HORIZON CONSTRUCTION.*
- **November 2017 Geometric design of NYAMATA URBAN ROADS 5.4 km LOT2:**
 - ✓ *NR5-MARANYUNDO GIRLS SCHOOL-AGAKIRIRO (1.742 km)*
 - ✓ *V10-PALAST ROCK RWAKIBIRIZI (0.535km)*
 - ✓ *V12-OLD DISTRICT OFFICE GATARE (0.661 km)*
 - ✓ *V15-NYAMATA HOSPITAL ENTRANCE (0.572km) for HORIZON CONSTRUCTION.*
- **10-21st July 2017: Training of feeder road staff from MINAGRI and RTDA to Computer Aided Design (AutoCAD, COVADIS, AutoPISTE & Piste5.05) applied to Road Design in RWANDA at KIGALI conducted by Jean Bosco NIZEYIMANA for ECCON LTD.**
- **Jan-March 2017 Geometric design of asphalt roads Karongi urban roads 5.533 km:**
 - ✓ *CENTRE COMMERCIALE –ETO KIBUYE (1.565 km)*
 - ✓ *Road towards HOME SAINT JEAN (0.6km)*
 - ✓ *Gatwaro-Mariri (0.976 km)*
 - ✓ *Province-Nyabidaho-Gacumba-vers Mukondwe (2.392km) for SINOHYDRO-TIANJIN.*
- **March 2017 Geometric design of asphalt road**
 - ✓ *Access road to NTARAMA Memorial Site 3 km*
 - ✓ *Access road to Star Hotel at NYAGATARE 0.5 km*
 - ✓ *15-Ndera asphalt road 3km*

For HORIZON CONSTRUCTION LTD
- **Dec2016-February 2017 Geometric design of Rwamagana feeder roads**
 - ✓ *Rugende-Karenge Feeder road 22.6km*
 - ✓ *Rugende2-Juru 9km*
 - ✓ *Nzige-Nyamatete-Karenge Feeder road 13.3km*
 - ✓ *Bihembe-Isumu Feeder road 9km*
 - ✓ *Rwarugaju-Rwimbogo feeder road 10km*
 - ✓ *Birembo-kami feeder road 1.6km*

For HORIZON CONSTRUCTION LTD

- **Nov-Dec 2016 Geometric design of KAGASA-BATIMA asphalt road 10km**

Work performed:

- ✓ *Geometric design of 4 centerlines entering the roundabout*
- ✓ *Geometric design of Roundabout*
- ✓ *Pipe and Box culvert design*
- ✓ *Bicycle and walkway lanes*

For HORIZON CONSTRUCTION LTD

- **Oct-Nov 2016 Geometric design of**

- ✓ *Access roads to GAHANGA INDUSTRIAL Park 3km*

For HORIZON CONSTRUCTION LTD

- **Jan-April 2016 Geometric design of Rubengera-Gisiza asphalt road 25km**

Work performed:

- ✓ *Geometric design (Horizontal and Vertical Alignment and Cross sections)*
- ✓ *Pavement analysis*
- ✓ *Slope stability analysis*
- ✓ *Hydraulic and Structural Design of Pipe and Box culvert*

For JV SINOHYDRO-TIANJIN&HORIZON CONSTRUCTION LTD

- **March 2016 Geometric design of asphalt road**

- ✓ *Muhanga urban roads 3km:*

- *BK-STADE*
- *MUHANGA DISTRICT –STADE MBONYUMUTWA*
- *MUHANGA DISTRICT-MOSQUE*
- *ANTENNE RWANDATEL-LANDO-MOSQUE*
- *Junction LANDO-MAIN ROAD TOWARDS KARONGI DISTRICT*

For HORIZON CONSTRUCTION LTD

- **Feb-April 2016 Geometric design of**

- ✓ *Karuruma-Gisozi asphalt road 2.5km (Geometric design and pavement design)*

For HORIZON CONSTRUCTION LTD

- **Jan-Dec 2015**

- ✓ *KABUGA Access road to fuel tank (Pavement design)*
- ✓ *Design of Box culvert at BUSANZA Road project*
- ✓ *Geometric design of Gishwati feeder road 6km*
- ✓ *Parking design at KANOMBE INTERNATIONAL AIRPORT*
- ✓ *Design of Box culverts at BRASSERIE RUBAVU (Spot2 & spot 3)*

For HORIZON CONSTRUCTION LTD

- **March -June 2014** Road Geometric Design with AutoCAD Civil 3D of Feeder Road NYAGATARE-KIJOJO (15.5km)
For USAID-PARSONS at KIGALI/RWANDA
- **November 2013:** One week of work experience for Axle load survey on Kigali-Gatuna road in order to establish the database of road on behalf of **Ministry of Infrastructure**.
- **Oct-Nov 2013** Geometric design of the following 36.1 km in Kigali City:
 - ✓ Gakinjoro-kagugu
 - ✓ Kimironko-Zindiro
 - ✓ Bibare adventist church
 - ✓ Kagarama roads
 - ✓ Kumunyinya-Elcastro roads
 - ✓ Nyanza land fill and memorial site road
 - ✓ Nyamirambo stadium towards kuryanyuma
 - ✓ Gisimba centre kwa mutwe
 - ✓ Agatare-Rugarama
 - ✓ Quartier Belge
 - ✓ Road behind kimisagara market
 - ✓ Access road to kigarama market**For HYCOGEC CONSULT LTD**

- **March 2012-March2013:** Employee of ECOGEC Ltd at KIGALI/RWANDA
 - ✓ Architectural, structural design review and site management of 4 storey building called: **NOTRE DAME DE KIBEHO**.
- **March 2011** Geometric Design of
 - ✓ KAMONYI Feeder road (7km)
 - ✓ KARAMA-KABAGARI Feeder Road in NYANZA DISTRICT (8km)
 - ✓ RURANGAZI Feeder road (21km)**For MULTICONSTRUCT at KIGALI/RWANDA**
- **Oct. 2011-Feb2012:** Employee of ECBTP Int at KIGALI/RWANDA
 - ✓ Architectural, structural design of 4 storey building called: NYARUGURU DISTRICT OFFICE.
- **Dec.2010-Feb 2011** Geometric Design of National Road 19 (NR19):Cankuzo-Muyinga(59km) at BURUNDI.
For LUXCONSULT AT BUJUMBURA/BURUNDI.
- **2011: Final project for undergraduate:** Performance based seismic design of multi-storey concrete building, provision to Eurocode 8 (Case study: Office building in Kacyiru/KIGALI).

- **December 2010** Training of the staff from COBEREC Consultancy Bureau in COVADIS Software applied to LOTISSEMENT And EXCAVATIONS IN BUILDING at **BUJUMBURA/BURUNDI.**

- **October-November 2010:** Training of the staff from GEOSCI Consultancy Bureau to AutoCAD, COVADIS and AutoPISTE applied to Road geometric design and Water pipe at **BUJUMBURA/BURUNDI.**

- ***October – November 2009:*** Teacher of Mathematics and Physics at ANAMZA Foundation
- ***Jan-October 2009:*** Teacher of Mathematics and Physics at Ecole Sécondaire de MUTUNDA (ES MUTUNDA)
- ***October – November 2008:*** Teacher of Mathematics and Physics at ANAMZA Foundation
- ***Nov. 2008-Jan 2009:*** Instructor of General Mathematics and Applied Statistics in National University of Rwanda/Faculty of Economics and Management/Department of Management for evening program students.
- ***Jan-October 2005:*** Teacher of Mathematics and Physics at Ecole Sécondaire d'Assomption BIRAMBO(ESA BIRAMBO)

Computer literacy

Skills in Computer Software's: Microsoft Word, Microsoft Power Point, Advanced Excel for Engineers & Programming C++;

Skills in Computer Softwares related to Civil Engineering:

For Highway Engineering and Management:

- LEICA Geo Office
- AUTOCAD, COVADIS, AUTOPISTE&PISTE5.06,
- AutoCAD Civil 3D
- HIGHWAY DEVELOPMENT&MANAGEMENT(HDM4)
- Shell Pavement Design Softwares (BANDS2 ,SPDM¹ 3&BISAR²3)
- ALIZE LCPC³ software for pavement structure analysis and Design

For Hydraulic Design:

- Pipe flow expert & Epanet;

For Architectural Drawings:

- ARCHICAD , ARTLANTIS 4.5 & ARTLANTIS STUDIO;

For Reinforced Concrete and Steel Structures Design:

- OSSA 2D, RC Spread Sheet, SAP2000, ETABS & SAFE;
- AUTODESK ROBOT STRUCTURAL ANALYSIS;

For Construction Management:

- MICROSOFT PROJECT

For Electricity:

- RELUX PROFESSIONAL

¹Shell Pavement Design Method

²Bitumen Stress Analysis in Roads

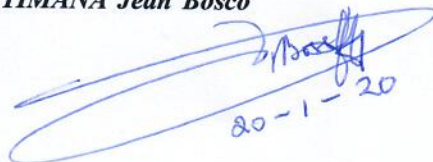
³Laboratoire Central des Ponts et Chaussées

PEOPLE OF REFERENCE

- ✓ MSc (Eng) Jule Cesar NGOBOKA , Road Construction Manager at HORIZON CONSTRUCTION (+250)788301654
- ✓ Mr. Fan Zhihong ,Quality Engineer SINOHYDRO-TIANJIN (+ 250787596965)
- ✓ MSc (Eng) Aimable RUTAGARAMA , Director of HYCOGEC CONSULTANCY LTD (+250788301068)
- ✓ MSc (Eng) Aime HABIMANA , Director of ECCON LTD (+250)788595772
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I, the undersigned, certify that this CV correctly describes my qualifications and experience

Eng. NIZEYIMANA Jean Bosco



20-1-20