**Civil Engineer**

**EDUCATION**

* 2014 : Degree from the Panafrican Polytechnic Institute, Master 2 Civil Engineering
* 2010 : Degree from the School of Building, Professional Degree in Construction and Management Techniques
* 2009 : Degree from the Polytechnic School in Dakar, Senior Technician Diploma, Civil Engineering
* 2007: High School Graduation, Major in Science

**PROFESSIONNAL EXPERIENCE**

* Employed as Site Engineer at Entreprise Générale de Travaux from October 3rd 2016 to March 10th 2017
* Project Contract at « Entreprise générale de Travaux EGX » August 17th to December 30th 2015 : Employed as a Civil Engineer, Site Manager and Project Manager
* Internship at « Bureau Veritas Senegal » January 12th 2015 to April 12th 2015 ; Intern as a Civil Engineer
* Internship at «Eiffage Sénégal » February 2013 to May 2013 : Research for Master’s Degree Dissertation in the Department of Geotechnics
* Internship at « Consortium d’Entrprises CDE » June 2012 to August 2012 : Intern as site manager
* Internship at « Eiffage Sénégal » February 2012 to May 2012 : Intern at the Geotechnics Department Laboratory
* Internship at « Cabinet d’Architecture Cheikh Ngom » April 2011 to May 2011 : Representative of the prime contractor on the site
* Internship at « SOSENCO » November 2010 to December 2010 : Intern as a site manager
* Internship at « Eiffage Sénégal » May 2009 to June 2009 : Training course

**SKILLS AREA**

* CAD
* Solidity of Works
* Mastery of building and construction Techniques
* Sense of relationnal, good negotiation skills and team management
* Rigor and anticipation
* Fluent English

**MAIN REFERENCES**

**Civil Engineering**

* Project: [Ongoing] Construction of a 30 Megawatt Photovoltaic Plant in Santhiou Mékhé, Thiès, Sénégal; in charge of the construction of the Technical Building, the fencing of the site, the foundation footings for 12 Transfomer Stations, and the realization of the Trenches for the Electrical Equipments Wiring.
* Technical Monitoring
* Staff Management, Procurement and Logistics Management
* QHSE Management
* Project: [2016] Earthmoving and Civil Engineering works for 48 irrigated villager’s areas located between Saldé and Walaldé, and the construction of 04 structures for the control of water recession bowls. As Director of Operations – Grupo Marco Senegal

Missions :

* Project Management
* Administrative and Technical monitoring
* Project : Rehabilitation and Sanitation Works on the National Road RN1, section SIPS – Mbao ; Company : Eiffage Sénégal

Missions :

* Site monitoring
* Control and monitoring of the results of crash tests of concrete

**Technical Control of Constructions**

Checking strength of structures of reinforced concrete, columns, beams, slabs, reinforcement, CAD, site visits, business reports

* Construction of a R+2 Building at the Miltary Health School Dakar
* Technical Advising on Site locations of network towers of Sonatel
* Outpatient clinic in Mamelles Dakar, ASFADAR
* Support Programme to Health Governance PAGOSAN, Koungheul, Kaffrine, Fatick Senegal
* Japan International Cooperation System, School Construction Project at Keur Massar, Sangalkam, Bambilor in Dakar

**Construction**

* Project of earthworks and preparing of a platform for the installation of offices containers and hangars for helicopters (EGX), Client: Heliconia Aero Solutions

Missions :

* Study and monitoring of works
* Personnel, portfolio and supply management
* Internal Report and Customer Report
* Project : Construction of a 7 floor with a basement for residential use in the city center of Dakar, SCI RANDA ; Company : Consortium d’Entreprises, CDE

Missions :

* Site management
* Establishment of the estimated quantity survey and execution surveying
* Projet : Construction of a 7 floor Building for professionnal and residential use in liberté 6 Dakar ; Company SOSENCO

Missions :

* Site Management
* Execution and Estimated Surveying
* Organization of weekly site meetings
* Projet : Construction of an Outpatient Clinic at The Mamelles on behalf of ASFADAR ; Company : Générale d’Entreprises

Missions :

* Monitoring of Implementation of the structural work on behalf of the Architecture Office Cheikh Ngom, prime Contractor
* Conducting Site meetings
* Schedule of Works Management

**Géotechnics**

Missions :

* Realization of soil and asphalt mixtures tests in the laboratory
* Crash Tests of Concrete
* Project : Dakar-Diamniadio Turnpike ; Company : Eiffage Sénégal

Missions :

* Researches on the Early Damages on the pavement layer in Asphalt, Pratical case of the Dakar-Diamniadio Turnpike.
* Exploitation of results by the software MICHPAVE
* Passionated by travelling and highly intersted in discovering different cultures
* Mastery of IT : Office Pack, CAD…