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Address: Torino (Italy)
Nationality: Colombian
Date of birth: jul-91
Mother tongue: Spanish
Other language(s): Italian (C1), English (B2)
Technical skills: ERP SAP modules CO, MM, PP. AutoCAD, Python, Excel
Willing to Travel and Relocate
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SUMMARY

Civil Engineer from the Pontificia Universidad Javeriana Cali, Master in Building Engineering from the Politécnico di Torino, Italy, with experience in Works Management, personnel management, and Teaching of Engineering Materials, Environmental Engineer of civil works and Statics in the Pontifical Javeriana University. Professional with teaching methodology, ability to lead and/or work with multidisciplinary and multifunctional teams, ability to develop and promote staff. Strategic and systemic thinking, high dedication to service to internal and external clients, emphasis on cost analysis, results and figures.

EDUCATION AND TRAINING

Master's Degree in Building Engineering

09/2013– 03/2016

Politecnico di Torino, Italy

102/110 final mark

Aim of the thesis includes some aspects of the theory, design, and some structural controls of a tensile structure as a roof solution for a sport center with a long-distance span

Skills: Facility Management (FM)

Themes of interest.

Relief and urban design, Experimentation of materials, models and structures, Technical Hydraulics, Thermophysics of buildings, Integrated Design of Structures, Special Structures, Construction technology, Work Programming, Recovery and conservation of Buildings, Foundations and accessories techniques to build, seismic engineering, computational methods in structural engineering design, cost control and work budgets.

2009 – 2016

Bachelor's Degree in Civil Engineering

Pontificia Universidad Javeriana, Colombia

4,4/5 final mark

Skills: Structural Engineering · Facility Management (FM)

Interesting Topics.

Construction administration and programming, Statics, Analysis of structures, Construction techniques, Solid mechanics, reinforced concrete fundamentals, Design of reinforced concrete structures, Geology, Soil mechanics, Engineering materials, Matrix and dynamic analysis.

ADDITIONAL EDUCATION

Participation in the University Conference on Road Safety, at the Pontificia Universidad Javeriana Cali, Colombia, 2010

Leadership Training Seminar Workshop, at the Pontifical Javeriana University Cali, Colombia 2012

ETABS Course, at the Pontificia Universidad Javeriana Cali, Colombia 2012

SEMINAR ON DURABILITY OF CONCRETE STRUCTURES, in ARGOS, Cali Colombia 2017

Participation in the IX National Congress of Seismic Engineering, Cali Colombia 2019

WORK EXPERIENCE

Researcher in cost and budget control management project with the company InfraTo (Infrastructure of Turin) and Tutor in implementation of Project Management with SACMI- POLITECNICO DI TORINO, ITALY 06/2022 – Present

Actual project with InfraTO (Infra.To | Infrastrutture per la mobilità)

Development of platforms that allow the management of the construction of the work: Extension of line 1 of the Turin metropolitan, providing project developers with effective administration of the program, costs, quality, safety, scope and function of a project. Making comparison reports between: budget, contract, payments, status of work progress.

Course collaborator in A.A. 2022/23, MANAGEMENT ENGINEERING at Master's Degree Course in Management Engineering, POLITECNICO DI TORINO, ITALY 06/2022 – Present

Collaboration of project management teaching module Master's degree in MANAGEMENT ENGINEERING

Cost and Budget Control Engineer in JARAMILLO MORA CONSTRUCTION COMPANY (Cali, Colombia) 04/2018 – 05/2022

Manage the monthly report of the project execution budget

Carry out cost control during the execution of the project for the timely detection of deviations that arise in order to achieve budget execution effectively in all projects located in the KACHIPAY sector, MORE THAN 7 BUILDING PROJECTS at the SAME TIME

Prepare the additional and deductive costs, product of the modifications requested by the project area.

Touching down and managing the margin of the projects under your control in accordance with the technical designs has been received after the release to sales, as well as any changes the management requests or price changes for high-impact inputs, in response to changes in the margin or an increase in the sales price required to maintain it.

Coordinate visits to the field in case the contest requires it.

Professor of Structure's Statics course at JAVERIANA UNIVERSITY (Cali, Colombia)	07/2019-05/2022
Site Civil engineer in BOLIVAR CONSTRUCTION COMPANY (Cali, Colombia) Responsible for directly and permanently ensuring the correct execution of the work and compliance with the contract. Monitoring and controlling each of the budget items, technical specifications and answering any questions that the contractor formulates (2000 houses)	07/2016 - 04/2018
Professor of Environmental Engineering of civil works program at JAVERIANA UNIVERSITY (Cali, COLOMBIA)	07/2018 - 12/2018
Professor of Materials Engineering's academic program at JAVERIANA UNIVERSITY (Cali, Colombia)	07/2016 - 12/2016
Concrete structure design engineer in HINCACOM (Cali, Colombia)	06/2016 - 07/2016
Structural reinforcement design of 3-level housing in the city of Cali. House with a contributed system in concrete reinforced (Cali, Colombia)	2020
Structural Design of Housing in the Condominium "Fontana de las Mercedes". 2-level house with built-in system reinforced concrete (Cali, Colombia)	2021
Undergraduate thesis committee director. JAVERIANA UNIVERSITY (Cali, Colombia)	2016

LANGUAGES

English	Professional working proficiency
Spanish	Mother tongue
Italian	Fluent

SOCIAL SKILLS AND COMPETENCES

Proactive and enterprising professional with a love of learning who excels both individually and in teams. a laid-back, well-organized person with a creative mind. I've developed the ability to relate to individuals from various cultural backgrounds, share opinions with them, and work together to accomplish shared objectives. I quickly adjust to my surroundings. I've always put in a lot of effort while being disciplined, responsible, and honest.

TRAININGS, CERTIFICATIONS, AWARD

Master of science and Bachelor degree-Double Degree

Issued by Pontificia Universidad Javeriana · Jul 2012

Associated with Politecnico di Torino

Double Degree between Pontificia Universidad Javeriana and Politecnico di Torino

Constructora Bolivar Scholarship

Issued by Constructora Bolivar · Mar 2012

Associated with Constructora Bolivar S.A

Magis ScholarshipMagis Scholarship

Issued by Pontificia Universidad Javeriana Cali · Feb 2009

Associated with Pontificia Universidad Javeriana

Scholarship maintained throughout the degree for excellent academic average

STRONG KNOWLEDGE OF: ERP SAP (controlling CO, Production planning PP, Materials Management MM), MS Office, AutoCAD, Sketchup, ETABS, SAP2000, DOLMEN, PYTHON, ERP SINCO, BIM 360 Autodesk

ACADEMIC REFERENCES

- Cundumi Sanchez, Orlando
Phd Civil Engineering Director. Javeriana University (Cali, Colombia)
- Caldera, Carlo
Former Faculty Professor. Politecnico di Torino (Italy)