

Rui Pedro Lopes Fernandes

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PERSONAL STATEMENT

As a highly motivated Civil Engineer, I am looking for the right opportunity where I can apply, grow and further develop my knowledge, know-how and professional skills immersed in a fast-paced and demanding environment, as the English BIM Level 2 Construction environment presents itself, contributing to the best interests of the team in compliance with the ethical and organizational values of the Skanska group. My current career goal is to assume a role, which allows me to take responsibilities within the construction industry allied with the possibility to work with BIM and Lean methodologies.

WORK EXPERIENCE

Field Engineer & QA/QC technician – April 2014 - July 2015

Mota-Engil Engenharia e Construção, S.A. - <http://en.mota-engil.pt/>

Rua do Rêgo Lameiro, 38 4300-252, Porto, Portugal

During this time, my functions as a Field Engineer were give assistance to Senior Engineer responsible for the Engineering structures, and to be responsible for the quality management and compliance of the construction activities.

Key Responsibilities:

- Aiding in the setting out the works in accordance with the contract requirements before work is programmed to commence;
- Communicate with foremen, workforce and sub-contractors to ensure full understanding of information provided;
- Drawings and sketches review to set out the works in accordance with the programme and to resolve any inconsistencies in the information provided;
- Ensure that comprehensive records of resources employed on additional works are maintained;
- Responsible for Quality control of the activities and Quality assurance, developing checklists, activity plans and operational procedures;
- Responsible to ensure the meeting all projects specifications and legal requirements;
- Registration and tracking of non-conformances;
- Aiding senior staff in the planning, tracking and control of activities;
- Ensure the compliance with ISO - 9001 and company quality system.

Production Department - Field Engineer - January 2014 - March 2014

Rielza- Técnica e Construções Do Douro Lda.- <http://rielza.pt/>

Rua São Roque da Lameira 439, 4350 Porto, Portugal

Responsible for the planning, tracking and control of the construction activities in two building rehabilitation projects:

- Three-Floor Single-Family Building, Rua dos Mártires da Liberdade, Porto
- Four-Floor Residencial hotel, Rua do Pinheiro, Porto

EDUCATION

Master in Civil Engineering - Building Construction - September 2008 – October 2013.

Faculdade de Engenharia da Universidade do Porto,

-Major Disciplines - Technology of Constructions; Concrete Structures I; Construction Management and Safety; Quality in Construction; Construction Operation Inspection; Building and Environmental Acoustics; Building Maintenance and Rehabilitation.

-Master Thesis - Advantages and disadvantages of BIM Platforms on Construction Sites,

General overview of the topic and concept of BIM;

- Study about the relation of BIM technology and the construction site operations; Analysis of the Autodesk software BIM 360 Field and their associated advantages for construction companies; Study of the impact of the major changes associated to the transition of traditional methodologies to BIM methodologies in a company developing some general guide-lines and recommendations to the BIM implementation in a construction company.

REFERENCES

References are available on request.