


JACK LOIZEL

A third year Civil & Structural Engineering student fascinated by the constant evolution of the structural engineering industry. I am looking to secure a year internship before beginning my masters year as part of the Year in Industry scheme. Working in consultancy would enable me to use and develop my software skills such as Revit or AutoCad, communication and teamwork skills. I aspire to contribute to the development and modernisation of society and challenge existing building norms. I have recently completed a summer internship in a French consultancy where I was able to develop and acquire new skills.

CONTACT

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SKILLS

- Working in a team environment with the ability to successfully lead a team as shown through my experiences of Club Captain and Event organiser
- Able to work under pressure and multi-task as during my internship I had to produce plans of structural members whilst also calculating the quantity of concrete and steel required for each before a set deadline
- Actively listening to always take on board comments or criticisms to constantly improve my work particularly during my internship as I discovered new techniques on engineering softwares to work more efficiently
- Competent use of Revit and AutoCad as I achieved an 85 on a Revit coursework in 1st year but also used both extensively in my internship

WORK EXPERIENCE

DPI Structure, Structural engineering consultant intern SEP 2020

- Had the opportunity to work on a multi-million euro project consisting of regenerating an old building by keeping the main structural elements but completely redesigning the interior and exterior
- Responsible for creating a model on Revit of one part of the existing structure to use in the demolishing process
- Entrusted to calculate the total volume of concrete and steel required for a block of flats using drawings and details of each structural element
- Assigned the task to draw details of reinforced concrete beams and walls on Autocad
- Worked on a million euro project with the responsibility of creating a model of a sports hall on Revit including the structure's foundations and then required to draw the engineering plans for the building
- Attended a director's meeting which gave me a clear insight of how a company is run and organised
- Spent a day working with an engineering economist allowing me to see a different but important aspect of a construction project
- Considerably increased my Revit and Autocad skills and my ability to read detailed and professional engineering plans
- Improved my ability to effectively communicate an idea and my teamwork skills to work cohesively with colleagues

Phenix Emploi, Summer labour jobs

JUL 2018 - AUG 2019

- Experienced multiple types of labour jobs such as ventilator duct installer, construction worker and scaffolding worker
- Significantly improved my teamwork and communication skills to work safely and efficiently
- Improved my ability to adapt to different working environments, working under pressure and to be quick yet smart in my decision making
- Gave me an insight of construction sites: methods used, order of the construction process and site organisation

ACHIEVEMENTS

- Obtained a solid first in 1st and 2nd year of my degree
- **Global Engineering Challenge** - awarded the 'Best Communicated Solution' when presenting a project proposal to a panel of alumni and industry experts
- Duke of Edinburgh Bronze Award obtained
- Nominated for the 'Fresher of the Year' award by the University's Sport Department
- Nominated for the 'Club Sport Member of the Year' award by the University's Sport Department
- Full first aid course attended and awarded

ADDITIONAL INFORMATION

- IStructE Member
- ICE Member
- Languages: English (native speaker), French (native speaker), Spanish (proficient)
- Fully clean drivers licence

INTERESTS AND HOBBIES

- Team sports: basketball (previously played at national level)
- Individual sports: skiing, gym
- Travelling

REFERENCES

- Dr Sam Clarke,
Senior Lecturer in
Geotechnical Engineering
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EDUCATION

The University of Sheffield

SEP 2017 - PRESENT

- Civil and Structural Engineering with a Year in Industry and Foundation Year (MEng)
- First class achieved in 1st year
- First class achieved in 2nd year
- Relevant 2nd year modules (and grades) include:
 - Structural Analysis - **80**
 - Structural Engineering Design and Appraisal - **79**
 - Materials for Structural Engineering - **90**
 - Construction Project Management - **74**

Cité Scolaire Internationale de Lyon, France

SEP 2005 - JUN 2017

- French Scientifique Baccalaureate with the International British Option - High Honours

ADDITIONAL RESPONSIBILITIES

Men's Basketball Club, President

APR 2019 - PRESENT

- President of a sports club consisting of approximately 40 members
- Leading the club committee to successfully run the club and chairing any meetings
- Responsible for all club related decisions
- In charge of all the club's logistical matters i.e. organising fixtures, training and transport and payments of external parties
- Responsible for the overall club development
- Contacted companies to establish a partnership agreement
- Delegated tasks, advised and communicated to all committee members to keep the club organised
- In charge of all the club's social media accounts and created an official club website

International Lyon Model United Nations, Event organiser

JAN 2015 - JAN 2017

- Part of the organising team for a conference gathering over 500 students from around the world
- Responsible for the smooth running of the conference by communicating important information
- Led a team of 25 students and delegated tasks to each one of them improving my teamwork and communication skills