

“On Target. On Time.”



MARC Engineering
St. John's, Newfoundland
marc_engineering@hotmail.com
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MISSION STATEMENT



“MARC Engineering is dedicated to providing our clients with innovative and quality solutions to their Civil Engineering needs. We continually focus on quality, safety, cost reduction, time management, and sustainability. We strive to uphold the greatest level of professionalism and become leaders in our field.”



COMPANY OVERVIEW



MARC Engineering is a Civil Engineering Consulting Firm in its early stages of development. We formed in 2009 and consist of four senior undergraduate Civil Engineering students at Memorial University. Our intention in embarking on this endeavor is to provide superior solutions to a variety of engineering problems and to eventually expand and become leaders in our field.

At MARC we always put great emphasis on five core values: quality, safety, economics, time management, and sustainability. We make it our responsibility to integrate these into each and every one of our projects and to exceed the expectations of our clients.

Our innovative team thrives in our unique fast paced, relaxed, yet effective working environment to find solutions. Our MARC engineers come from a variety of Engineering backgrounds and areas of expertise. Our goal is to manage, design, plan and execute all of our client's civil Engineering projects while always focusing on our core values.

Industrial Specializations:

- Project Management Services
- Feasibility Studies
- Technical Research
- Budget Preparation
- Project Scheduling
- Estimation
- Structural Design and Analysis
- Materials Design and Analysis
- Quality Control/Quality Assurance
- Municipal Infrastructure

Technological Capabilities:

- STADD
- ANSYS
- AutoCAD
- Solid Works
- Geo Studio
- Microsoft Office
- GIS
- Eagle Point
- ABAQUS
- Flexcom

OUR ENGINEERS



Mark Tulk

Education

Civil Engineering Class 2009

Work Experience

Oceanic Consulting

Newfoundland and Labrador Consulting Engineers

Dexter Construction

Orphan Industries

Husky Energy

JP Kenny

Mark Tulk is a senior civil engineering student enrolled in Memorial's Co-op engineering program. During his work experience as a civil engineering student, he has been introduced to a wide variety of engineering projects. Mark has been privileged to work on large offshore projects such as the White Rose and Hibernia., as well as smaller ones like the Chevron Pipeline Study for upheaval buckling. He also has experience in the construction industry working on projects from large scale subdivision development to the laying of building foundations. Mark is familiar with the business side of engineering having worked on the preparation of tenders and interfacing between clients on various projects, both formally and informally. He is qualified in the use of many programs such as Microsoft Word, PowerPoint and Excel, AutoCAD, C++, Adobe Photoshop and has partial experience running pipeline simulations with a finite element analysis program ABAQUS. Mark is also capable of interpreting construction site drawings, structural drawings, weld maps and various other engineering related documentation. Also, he has been tasked assisting with the preparation and review of manufacturing record books and design dossiers for the purpose of quality control and assurance. Due to his varied qualifications, Mark would be an asset to any engineering project.

OUR ENGINEERS



Amy Byrne

Education

Civil Engineering Class 2009

Work Experience

AIS

Jacobs Engineering

Jacques Whitford

Petro Canada

ABS

IntecSEA

Amy Byrne is a senior Civil Engineering student enrolled in Memorial's Co-op Engineering program. Amy's Civil Engineering experience is extremely diverse and therefore her many qualifications are sure to benefit a variety of Engineering projects. Past assignments have enabled her to become experienced in Structural Engineering where she studied, modelled and analyzed structures using ANSYS 10.0 and have applied appropriate Strength and Buckling analysis codes. These assignments have also lead her to become familiar with developing and reading structural drawings. Amy has also completed numerous studies in the Materials Engineering field where she tested and analyzed different soil and concrete samples used for various purposes. She has also been involved in Project Engineering during her career thus far. My project management roles have included budget preparations, cost and time resource studies, and project scheduling which are extremely important tools that we will apply to MARC's projects when relevant. Amy's final qualifications involve quality assurance and safety. Her experience in performing audits in both of these fields and reporting on the findings and results. Her certified training in ISO 9001:2000 will be of great benefit to clients as it enables deliverables and level of quality in daily projects to maintain a standard level of quality. She is also skilled in computer programs such as Microsoft Office, C++, STAAD, and ANSYS and is fully bilingual to serve any language barriers which may arise.

OUR ENGINEERS



Ryan Furlong

Education

Civil Engineering Class 2009

Work Experience

Chimo Construction

Department of Transportation Highway Division

Abitibi Consolidated

North American Construction Group

Ryan Furlong is a senior Civil Engineering student enrolled in Memorial Universities Bachelor of Engineering program. Ryan's work experience has been diverse which would make him an asset to any project that he is involved with. Throughout his various work terms he has been active in an assortment of projects ranging from developing a roof safety plan for a large paper mill to the building of up-grader systems for two of the major Oil Sand sites in Canada. Ryan has also have been involved with the business side of Engineering where he has been part of quantity and cost estimates, analysis of tender documents and creating change order for additional work done during the course of a project. His variety of work experience will be immensely beneficial to any of the situations that he will be presented in a work environment.

OUR ENGINEERS



Carl Stamp

Education

Civil Engineering Class 2009

Work Experience

SGE Acres

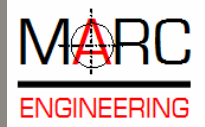
Canadian Coast Guard

Husky Energy

Marine Computational Services

Carl Stamp is a senior civil engineering student enrolled in Memorial's Co-op engineering program. Having nearly completed his degree, he has had the opportunity to both work in and study a wide variety of civil engineering environments and applications. While working for the consultancy SGE Acres on his first work term, Carl has gained insight into this profession from both a client's and a consultant's point of view. He worked on many civil engineering projects, specifically those municipal in scope, such as building infrastructures. Carl has experience in structural engineering through his eight months working with the Canadian Coast Guard. His role as assistant project manager required him to read and produce drawings, organise schedules and facilitate onsite inspections. From here he pursued an interest in petroleum engineering by working for and taking courses in the offshore oil and gas industry. With his diverse background in structural engineering, he was able to analyse and design many subsea structures, such as risers, flowlines, manifolds, etc. As well, throughout his education and on the job training, Carl is extremely skilled in multiple structural engineering software programs. His proficient use of AutoCAD for example, will reduce the need to outsource much of the detailed design that would arise in a developing project. He is also capable of using many finite element programs, such as STADD and Flexcom, programs which are a necessity in any structural design project.

CONTACT INFORMATION



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