



vision

# Vision Engineering:

## Innovative Design & Engineering Solutions



# Mission Statement

At Vision Engineering our philosophy is to provide clients with efficient and innovative engineering solutions. We strive to be leaders in our field by ensuring full client satisfaction by on-time and under budget delivery. Our engineering solutions are carefully developed so they will meet both present and future requirements.





# Company Profile

Vision Engineering has formed from the collective dedication and determination of four young leading edge engineers with a vision for responsible engineering and design.

The major technical strengths of Vision Engineering are in structural design and analysis, project management, and geotechnical materials. Other areas of strengths are engineering documentation, subsea structures, drafting and CAD, and computer analysis programs such as STADD, S-Frame, ANSYS, HEC-RAS and MathCAD.

Vision Engineering prides itself on putting the client first, we aim to develop progressive results that exceed the expectations of the customers we serve. Vision Engineering strives to develop solutions that have positive socio-economic effects to the communities and clients we serve.

With its depth of experience, Vision Engineering offers a rich skill base, management commitment, and ability to apply its capabilities to innovatively and successfully complete project objectives.





# Our Team



**Kris Rogers** is currently completing the last semester of the bachelor of civil engineering program at Memorial University. His technical strengths lie in geotechnical and hydro related areas. His latest work experience with the Lower Churchill Project centred on a geotechnical investigation where he was involved in exploration drilling, material sampling, grain size analysis, density and permeability tests.

With Hydro, he has also prepared two technical reports for the Lower Churchill Project, his report titled “Global Warming: Assessing the Impact on the Lower Churchill Project” was nominated and short listed for the Cossit Award for outstanding work report and work term performance.

Kris also has experience with large scale highway projects. In 2005 he worked with Jacques Whitford and Associates in New Brunswick on 100 km of divided highway. His responsibilities mostly revolved around geotechnical materials and concrete. During his time with Jacques Whitford Kris received CSA certification for in field and laboratory concrete testing.

Kris puts forth the dedication, determination and displays the professional attitude and creative thinking that Vision Engineering is built upon.



**Aaron Greene** is a senior undergraduate Civil Engineering student at Memorial University. He has a strong background in structural design/analysis as well as project management, and has also been involved in the areas of environmental and subsea engineering.

Aaron has been involved with key projects such as the IOC Tailings Management project in Labrador City, NL where he was employed with Bechtel Canada Inc. There he was tasked with the inspection/supervision of contractor work on various aspects of the project as well as coordinating daily activities between the client, the contractors, and Bechtel.

In his most recent internship with Tiller Engineering, Aaron’s primary responsibilities included project management as well as the analysis of concrete and steel frame structures.

Aaron has considerable experience with drafting software, having used AutoCAD extensively to produce civil/structural drawings throughout his internships. He has also gained experience using structural analysis programs including STAAD and subsea analysis programs including OFFPIPE and OrcaFlex.

Aaron is an industrious and independent worker who brings a strong work ethic to Vision Engineering and is fundamental in our efforts to continually improve as a company.



# Our Team



**Brad Lush** is a senior undergraduate Civil Engineering student at Memorial University. He has had extensive experience in engineering design and has a diverse background in the areas of project management, structural analysis/design, environmental engineering and in the science of remote sensing.

At Structural Design Incorporated for two internships, he was frequently involved in the analysis of steel frame building structures, where he had gained substantial exposure to a structural analysis program called S-Frame. He had effectively utilized the tools of this program which allowed him to build a wealth of knowledge in the area.

In line with his background, his research interests are interdisciplinary and diverse. The topics range from transportation, hazardous materials, earth observations/GIS, LEED (Leadership in Energy and Environmental Design).

His unique blend of experience and characteristics adds diversity to 'Vision Engineering' as he understands the importance of hard work, dedication and teamwork. He is an important addition to our organization.



**Siddharth Nag** is a Senior Civil Engineering student at Memorial University. He has an impressive background in a multitude of disciplines in the civil engineering field. He has been involved in abroad spectrum of engineering design projects in the oil and gas industry, and as well as the energy industry.

Throughout his academic career, Siddharth has been at the top of his class, maintaining a 3.5 GPA in a very difficult and challenging Engineering program. Amongst his academic and work experiences, he has become very efficient in computer programs such as STAAD, ANSYS, MathCAD, Mat Lab, Minitab, VISUAL DESIGN, Flow Master and C++. These skills allow him to tackle any engineering problem

His academic performance in addition to his strong work ethic enables him to be a well rounded engineer with knowledge in all fields of engineering. Siddharth has developed proven problem solving skills, leadership skills, and project management skills, that is a welcomed contribution to Vision Engineering.



# Contact Us

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