



B C K P
ENGINEERING

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It starts with an **idea...**



...and with the right group, the project that follows that idea can become a reality. **BCKP ENGINEERING** is that group.

We are four Civil Engineering students from Memorial University, and our various academic backgrounds range in scope from structural analysis and design of concrete and steel structures (using software such as STAAD, AutoCAD, etc.), to geotechnical engineering, to highway design, to environmental geotechniques for landfill design, and more.

In addition to all this academic knowledge our project team also has over ten years of combined engineering and architectural work experience. We've worked on projects that have seen us preparing various engineering drawings and specifications, preparing construction cost estimates, helping design steel and concrete structures, laying out water and sewer services, monitoring and maintaining complex offshore oil and gas structures, and more.

We've got some pretty long lists of knowledge and experience...and we'd like to put everything on them to use in helping you turn that idea into reality.

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PROJECT TEAM

Steven Bartlett



Steven graduated from O'Donel High School with honors in 2001 and directly pursued a bachelor of Civil Engineering at Memorial University of Newfoundland. His main interests are in the Structural and Oil and Gas branches of engineering, which he has over 2 years of working experience. He worked for Bridger design for 4 months providing support on various structural engineering projects. He also worked with the Provincial Government Engineering Department under Municipal and Provincial affairs on projects related to water and sewer applications. His other 16 months experience was with Petro Canada Oil and Gas in St. John's and Calgary offices. He worked in three departments which were Regulatory / Certification, Asset Integrity, and Reservoir Engineering. Some of his other interests are in ice hockey, outdoor activities, guitar, and scuba diving. Steven's future plans after graduation are to practice a rewarding and successful career as a professional engineer in one of his interest areas.

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PROJECT TEAM

Ryan Crewe



Since starting Civil Engineering at MUN, Ryan has gained a broad range of experience from his work terms. This experience ranges from structural drafting and volume take-offs for highway and bridge construction, to environmental monitoring for provincial government. As well, Ryan has been involved with the design, documentation, and cost estimating for coastal and marine structures, and surveying for installation of water and sewer services for residential subdivision construction. Ryan enjoys the outdoors and sports including hiking, trekking, biking, skiing and snowmobiling. In the past, Ryan was involved with organizations such as Scouts Canada and the Canadian Ski Patrol and intends on being involved again once finished university. Ryan's career interests are in project management and in coastal and marine engineering.

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PROJECT TEAM

Alex King



Alex began MUN Civil Engineering to build upon the knowledge he gained working with engineers as an Architectural Engineering Technologist. In pursuing his interests in Structural Engineering, Alex has had two work terms with Structural Design Inc., on which he was involved in steel structure analysis and steel detailing for large industrial structures. In addition, Alex has furthered his exposure to Project Management related activities through work terms with Public Works and Government Services Canada, where he was involved with documentation (ie. drawings, specs, etc.), costing, and inspection for projects ranging from construction and maintenance of marine structures for the Department of Fisheries and Oceans to the design and renovation of buildings for the Royal Canadian Mounted Police. Outside of school Alex has a keen interest in photography and graphic design and upon graduation, plans to pursue a career in which he can balance his professional life with these hobbies.

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PROJECT TEAM

Curtis Power



Curtis graduated with honors from St. Catherine's Academy in 2002 and immediately pursued an education in Civil Engineering at Memorial University. His desire to enroll in the engineering faculty stemmed from his interest in structure design and offshore related projects. In his first two coop placements, Curtis was employed with the Institute for Ocean Technology (IOT), where he worked as a member of an offshore safety research team. He then moved on to work with the Bridge division in the Department of Transportation and Works in Newfoundland and Labrador, and completed his last three terms with Husky Energy, both in St. John's and Calgary. In his first five years at Memorial, Curtis was also a member of the University men's basketball team, and after completing his five years of eligibility in Canadian Interuniversity Sport (CIS), is now playing in the Division 1 metro league in St. John's. Some of his other interests include playing guitar, snowboarding, and other outdoor activities. After graduation in April, 2008, Curtis plans to start a career in the offshore oil and gas industry of Newfoundland and Labrador.

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