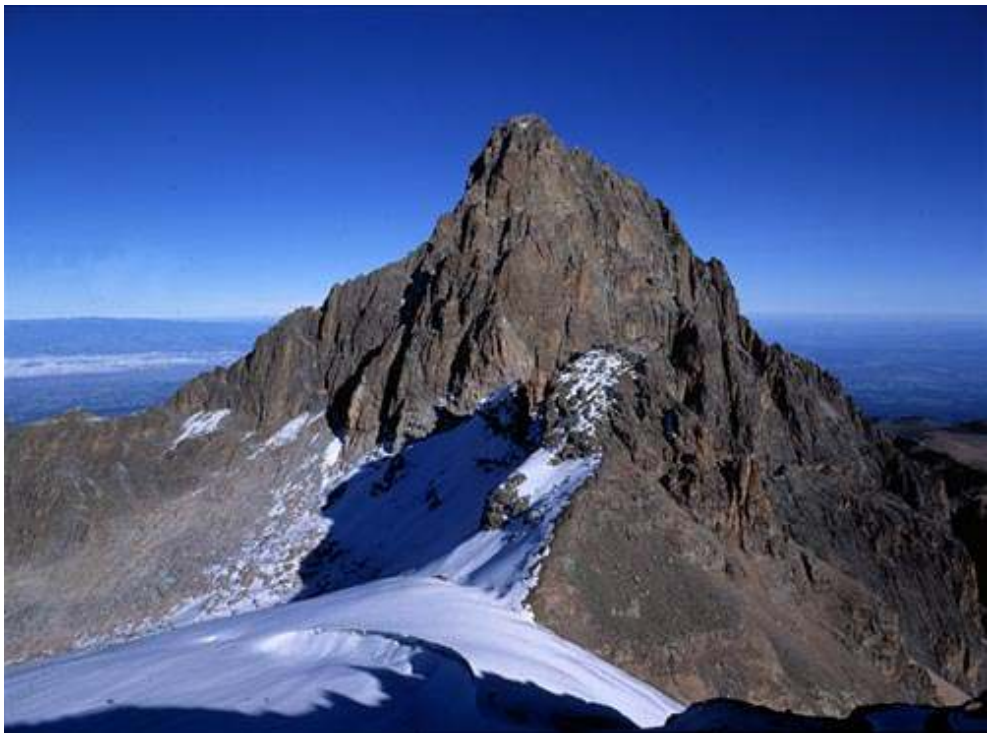
PARAMOUNT ENGINEERING

"Paramount Engineering strives to deliver innovative, sustainable and cost effective designs of PARAMOUNT quality in a timely and professional manner to exceed client's expectations"



PARAMOUNT ENGINEERING

Engineering 8700 Project Group 7
Faculty of Engineering & Applied Science
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PARAMOUNT

ABOUT US

Established in January 2010, Paramount Engineering is a Civil-Structural group offering engineering design and cost analysis services to its clients. At Paramount, we strive to create innovative, sustainable and economic solutions in a timely and professional manner. The team at Paramount includes four members with backgrounds in Project Management, Work Planning, Civil Works, Structural Design, Structural Analysis and Cost Analysis. The team at Paramount Engineering team has the ability and desire to complete exciting and challenging projects and looks to the future with confidence and anticipation.

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TEAM MEMBERS

PETER COLLINS

Peter is a senior civil engineering student with a varied background of experience including construction materials quality control, structural analysis, inspection and creation of drawings. He has worked extensively in laboratory settings, testing and upholding standards of materials including aggregates, concrete, and asphalt. His field experience involves inspections from multiple stages of residential construction to various commercial construction projects. Peter also has experience analyzing self-support and guyed communication towers. Peter's enthusiasm lies in the field of structural design and analysis. His working knowledge of materials will prove to be an asset in his future design endeavors.

Selected Project Involvement:

- Trans Labrador Highway Project
- Town of Paradise Residential Construction Inspection Program
- Long Harbour Interim Facility Aggregate Testing
- Review of Building Accessibility Act Compliance

STEVEN GREELEY

Focusing his studies at Memorial University of Newfoundland in the field of structural engineering, Steven has attained a great range of skills as a senior student. He has acquired field experience on construction projects which involved the inspection of pile installations, and pre-fabricated modules from an off site fabrication facility. Steven also has structural experience including the design of concrete, steel, and timber members. Additionally, he has been involved in the design of marine structures such as concrete caissons, sheet-pile cells, and rubble-mound breakwaters. Steven is familiar with many of the latest national codes and standards, and is familiar with various types of software such as AutoCAD, and STAAD.

Selected Project Involvement:

- Canaport LNG Terminal, Saint John, NB
- St. Lawrence Fluorspar Mine Development
- Central Newfoundland Waste Management Project
- Pearlgate Recreation Complex

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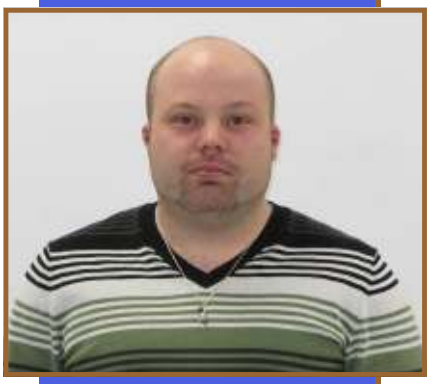
TEAM MEMBERS

ROBERT HUNT



Robert Hunt is a senior civil engineering student with experience in project management and geotechnical analysis. He has experience working with clients to bring their needs and goals to reality. He has been an invaluable member of various teams collaborating on projects and his experience as a liaison between client and contractors has proven to be an asset. He has worked in laboratory settings performing geotechnical testing on a variety of soil samples. Robert has gained a great deal of experience through his work terms working at various locations.

Selected Project Involvement:

- Albian Sands Muskeg River Mine- Muskeg Removal Project
- Public Works – Fiber Optic Communications Project
- NRCan – Consolidation Testing for Pipeline Project

ANDREW SMALL

With a diverse range of experience, Andrew is highly adaptable engineering student with valuable qualities including a commitment to completing quality work, initiative, problem solving, planning and organizational skills. Andrew has industry experience in the areas of Structural Analysis, Work Plans, Scheduling and Cost Analysis. He has conducted structural design hand-calculations and completed FEA analysis for various steel structures. Using industry specific software, Andrew has also completed structural analysis of communication towers for a regional infrastructure upgrading project. Most recently, Andrew completed Work Plans, Scheduling, and job end Cost Analysis reports for the initial phase of an $8 billion dollar oil sands construction project.

Selected Project Involvement:

- St. John's Waste Water Treatment Facility Project
- Bell Odyssey Tower Infrastructure Upgrading Project
- Dry-Tree Semi-Submersible Global Analysis Report
- Kearl Oil Sands - Deep Undergrounds Project

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PROFESSIONAL EXPERIENCE

- Network Utility Services
- BAE-Newplan Ltd./SNC-Lavalin Ltd.
- Kiewit Eastern Canada District
- Department of Government Services
- Town of Paradise
- AMEC Earth and Environmental
- Tiller Engineering Inc.
- Newfoundland Design Associates Ltd.
- SBM Atlantia
- Kiewit Energy Canada Corp.
- Syncrude Ltd.
- North American Construction Group Ltd.
- Deptartment Of Transportation and Works
- Public Works Government Services Canada
- NRCan
- Wier's Construction

INDUSTRY CODES & STANDARDS

- CAN/CSA A23.3-04 Design of Concrete Structures
- CAN/CSA S16-01 Limit States Design of Steel Structures
- CAN/CSA S304.1-04 Design of Masonry Structures
- CAN/CSA S37-01 Antennas, Towers, and Antenna-Supporting Structures
- National Building Code of Canada 2005
- American Society of State Highway and Transportation Officials (ASSHTO) 2003
- American Society for Testing and Materials (ASTM) 1997
- ABS 6 – Modular Offshore Drilling Units-2001-2003
- ABS Guide for Buckling and Ultimate Strength Assessment of Offshore Structures – March 2004

SOFTWARE APPLICATIONS

- Autodesk/AutoCAD
- STAAD Pro
- MS Office & Project
- ANSYS 11.0
- S Frame
- PCA Column
- CostWorks

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