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## **Education:**

2013-           **Memorial University of Newfoundland, St. John's, NL**  
Faculty of Engineering and Applied Science  
Enrolled in Ocean and Naval Architectural Engineering Class of 2018

2010-2013    **High School,**  
High School Diploma (with Honours)

## **Scholarships and Awards:**

2013           Newfoundland and Labrador Electoral District Scholarship  
2013           Memorial University of Newfoundland Entrance Scholarship  
2013           Statoil Hero of Tomorrow Award

## **Work Experience:**

2016           **Husky Energy, St. John's, NL**

- Responsible for identifying potential intervention hazards and leading risk assessments.
- Creating all documentation for offshore subsea interventions such as procedures, permits, notification of work and simultaneous operations packages.
- Gained valuable offshore field experience on the Atlantic Osprey to observe and execute White Rose field subsea interventions.

2015           **AKAC Inc., Victoria, BC**

- Major term project involved troubleshooting and executing MATLAB code for an Ice Management Model addition.
- Lead the performance prediction analysis for a large company project.
- Gained valuable technical experience from extracting data from model tests to predict the performance of open water hull form vessels in varying ice conditions.
- Prepared documentation and reports that were sent externally to companies in the industry.
- Took the initiative to start an internal project to improve company communications.

2015           **Subsea 7, St. John's, NL**

- Assisted the Research and Development team with Arctic pipeline Bundles study.
- Gathered and presented research findings in organized technical documents.
- Major topics of research included design, geotechnical, thermodynamic, and installation issues with pipeline bundles in the Grand Banks of Newfoundland and Labrador.

- Recorded accurate minutes for bi-weekly meetings with external companies.
- Gave oral presentations on work completed throughout the term to all other departments.

### **Extracurricular:**

- 2015-           **President of Engineering and Applied Science Society 'A', St. John's, NL**
- Planned, arranged, and chaired all meetings with Society members.
  - In-depth knowledge of budgeting, consensus building, and fundraising practices.
  - Developed and maintained professional relationships with Faculty, other Canadian student societies and community groups.
- 2011-2016      **Underwater Robotics, St. John's, NL**
- Learned to work with a team to design and build a Remotely Operated Vehicle (ROV) from the ground up.
  - Competed at the high school level from 2011-2013.
  - Senior mechanical member of Eastern Edge Robotics representing Memorial University of Newfoundland and the Marine Institute. (2013-2016)
  - Competed and placed in 5 MATE (Marine Advanced Technology Education) International Competitions.

### **Volunteer Experience:**

- 2015-           **Dr. Jack Hand Legacy Foundation, St. John's, NL**
- Lead organizer of the Engineering Winter Charity Ball raising over \$20,000 for families affected by children with cancer in Newfoundland and Labrador.
  - Official Engineering point of contact for the charity, corporate sponsors and donors.
- 2014-           **MATE Regional Underwater Robotics Competition, St. John's, NL**
- Judged the junior high and high school level competitors.
- 2013-           **Faculty of Engineering and Applied Science, St. John's, NL**
- Lead student organizer of Engineering Orientation, engineering design competitions and student information sessions.
  - Responsible for recruiting and managing a large team of volunteers.

### **Skills:**

- Strong written and oral communication skills
- SolidWorks, AutoCAD, MATLAB, ANSYS and the Microsoft Office Suite
- First-Aid, CPR, WHMIS and MED A1 certified
- Valid Canadian Passport and Drivers Licence

### **Interests:**

- Painting, sketching, volunteering, national/global exposure (backpacking, work terms, participating in events), event planning