



Education

B. Eng, Ocean and Naval Architectural Engineering

Sept. 2013 - Present

Memorial University of Newfoundland, St. John's, NL

- Enrolled in Academic Term VI, Expected Graduation 2018
- Current Academic Term Average 84.5, 3.85 G.P.A.
- Faculty of Engineering and Applied Science Dean's List 2013-2014

Work Experience

Volunteer - Construction and Jungle Conservation

May. 2016 - Jul 2016

Maximo Nivel, Cusco/Puerto Maldonado, Peru

- Worked on the construction of a school, involving such tasks as: brick laying, mixing and pouring cement, plastering, installing plumbing and general labor tasks
- Assisted in animal and jungle conservation work in the amazon rainforest, involving such tasks as: the capture and release of reptiles, the identification and gathering of information of captured animals, animal tracking, game camera maintenance, and trail clearing

Intern - Naval Architecture/Structures Department

Sept. 2015 - Dec. 2015

Seaspan ULC, Vancouver Shipyards, Vancouver, BC

- Developed an automated system for the creation of bills of materials, using MicroSoft Excel, Visual Basic Application, and output from a ship model in ShipConstructor
- Identified and fixed problems related to procurement and production, including but not limited to: the identification of wrongly labeled and unlabeled parts and the changing of material in order to allow for most cost and weight effective procurement

Junior Naval Architect

Jan. 2015 - Apr. 2015

AKAC Inc., Victoria, BC

- Developed an empirical model to predict outgoing ice conditions after ice management has taken place based on given data and past ice management experiences
- Programed the model that was developed into matlab in an object oriented type programing style
- Participated in small and large group meetings focused on discussing and furthering ongoing projects within the company

Work Experience

Resident Assistant

Mar. 2014 - Dec. 2014

Memorial University of Newfoundland, St. John's, NL

- Leading role in the Engineering Living and Learning Community, which involves setting up and running specific events for residents who are enrolled in engineering at Memorial University
- Planned, organized and executed different events within the residence meant to educate and promote social interaction

Naval Architecture Work Term Student

May. 2014 - Aug. 2014

Department of National Defense, Gatineau, QC

- Drafted preliminary structural deck layouts and sections views based on a concept design and linesplan using AutoCAD
- Developed a detailed weight distribution for a concept ship and used said weight distribution for calculating the longitudinal bending and shear force acting on a ship in various computer scenarios

Combat Engineer

Nov. 2011 - Feb. 2013

Canadian Forces, Sydney, NS

- Experienced various aspects of military engineering and received hands on time with many pieces of equipment including surveying and power tools
- Completed Basic Military Qualification as Top Candidate of the course, based on leadership capabilities, ability to work quickly and proficiently under pressure, and desire to take initiative

Key Competencies

Extra Curricular

- Engineers Without Borders, RINA and SNAME member 2015 - Present
- Engineering help centre tutor 2014 - 2015
- Seaspans Student Ambassador 2015 - Present

Computer Skills

- Competent in Matlab, VBA, Java, and C++ computer programming
- Experienced with Solidworks graphic design, AutoCAD 2014, General HydroStatics and ShipConstructor
- Experience with professional report writing on MS Word and with running automated calculations and setting up filing systems on MS Excel