Mr.   Benjamin Dowden

1. _Background_

    B.Eng., Memorial University, 2019
    M.Eng. Memorial University, May, 2021 (expected)

2. _Thesis and Supervisors_

    Sea ice and CubeSat
- Supervisors: Dr. Oscar DeSilva & Weimin Huang

3. _Publication_

1) B. Dowden, O. DeSilva, W. Huang, and D. Oldford, "Sea Ice Classification via Deep Neural Network Semantic Segmentation," *IEEE Sensors J*., vol. 21, no. 10, pp. 11879-11888, 2021.
2) B. Dowden, O. De Silva, and W. Huang, "Sea ice image semantic segmentation using deep neural networks," *MTS/IEEE Oceans*, Singapore/USA, 2020.
3) B. Dowden*, O De Silva and W. Huang, "Right Quaternion Parameterization for CubeSat Attitude Determination," *IEEE NECEC Conference*, St. John's, Canada, 2020.

4. _Award_

- Fellow of School of Graduate Studies (to be awarded)