Draven Galeschuk

Draven Galeschuk received his B.Sc in Engineering Physics from the University from Saskatchewan in 2018. He then went on to do an M.Sc in Physics and Engineering Physics at the University of Saskatchewan under Dr. Glenn Hussey. This work focused on the acceleration of data processing for the newly built ICEBEAR radar using GPU accelerated programming, a study of the system and environmental noise present in the radar system, and a self-calibration technique based on observations of the radio galaxy Cygnus-A. He graduated from this program in 2020. Since then, Draven has been employed as a research engineering-in-training in the Physics and Engineering Physics department at the university; managing the operations of ICEBEAR, processing of collected data, and implementing improvements to the radar system. Draven has worked in conjunction with the SuperDARN Canada team throughout his masters and employment with ICEBEAR, and recently joined the SuperDARN team in early 2022. His main role with SuperDARN is updating and maintaining the radar data flow, while also continuing his work with the ICEBEAR radar.