

2022/2023 WORK STUDY PROGRAM

JOB POSTING

JOB TITLE: GEOG3 – Remote Sensing Data Analyst

DEPARTMENT NAME: Geography

CONTACT NAME: Randy Scharien

JOB DESCRIPTION:

The chosen candidate will participate in a research study aimed at developing a machine learning algorithm for identification of Arctic sea ice features of environmental and human safety significance from remote sensing data. The candidate will participate in the acquisition and pre-processing of satellite remote sensing data, and the preparation of training and validation data for the machine learning model development. The candidate will also participate in ICE Remote Sensing lab discussions, assist the maintenance and testing of remote sensing hardware and Arctic sea ice field research equipment, and create visualizations.

QUALIFICATIONS:

Experience in environmental remote sensing, geographic information systems (GIS), data management are essential. Although the study is focused on machine learning, the candidate does not need to have prior machine learning experience. However some programming experience (Python, JavaScript) is preferred.

JOB LOCATION ON-CAMPUS: David Turpin Building A247

WORK STUDY WAGE: \$16.50/hour (including 4% vacation pay)

DEPARTMENT TOP UP: N/A

HOURS AVAILABLE: 175

HOW TO APPLY: Cover Letter and Resume to:
Randy Scharien via email: randy@uvic.ca
Must include the subject line "Work Study Application"

APPLICANTS MUST BE ELIGIBLE TO PARTICIPATE IN THE WORK STUDY PROGRAM
For details go to: <http://www.uvic.ca/registrar/safa/work-study/index.php>