Student IT Technician

Corporate Services
Winter Term 2027

Posting Date: November 2nd, 2026

About Us

SNOLAB is an international facility for world-class underground physics research. It has an expanding program in astroparticle physics and underground science. Located in an air-conditioned cleanroom 2 km underground in the Vale Creighton Mine near Sudbury Ontario, with a suite of surface facilities and laboratories, SNOLAB is currently preparing for the next generation of experiments focusing on neutrino studies and the search for galactic dark matter. SNOLAB partners with several Canadian and foreign universities.

The Position

The Student IT Technician will provide expert support, maintenance, and development of networks, computers, server systems, and hardware. The role will also involve software and/or hardware development for laboratory operations and experiments.

These are full-time positions.

Key Responsibilities:

- Lead the evaluation, development, maintenance, and operation of SNOLAB servers and applications.
- Maintain, develop, troubleshoot, and administer major requirements concerning the use of SNOLAB networks.
- Implement and monitor SNOLAB IT security systems. Evaluate, install, and operate computers for SNOLAB. Write documentation for the IT Group and users.
- Assist the SNOLAB user community with IT needs.
- Provide problem-solving assistance and training to SNOLAB and the user community (Help Desk Requests).
- Write, debug, implement, and maintain software solutions for SNOLAB.
  Maintain hardware and software asset data.
- Work in accordance with SNOLAB policies, including confidentiality of information, health and safety, and quality management.

Criteria

Education

Must be 18 years or older, registered in post-secondary studies at an accredited institution or apprenticeship program, recent graduate (having graduated in the last 3-6 months) or individual returning to full-time or part-time studies in the next academic term.

Experience

Significant knowledge of recent versions of Linux, Windows, and MacOS X.
Sophisticated knowledge of at least one programming language.
Knowledge of at least three programming or scripting languages.
Knowledge of CISCO network technologies (formal certification not necessarily required).
Strong analytical skills and the ability to solve complex problems.
Ability to write clearly in English.
Ability to work with light to moderate supervision.
Ability to maintain confidentiality of information.
Strong teamwork skills.

Physical Requirements

This position will require the incumbent to work underground and must exhibit moderate physical exertion and manual dexterity.
Ability to walk long distances in an industrial setting.
Extended periods of sitting and using office equipment and computers, which can cause muscle strain.
Surface and underground work.

Salary Range

Salary will be determined by education and qualifications within a 20-25 $/hr range. These positions are subject to availability of funding. To meet operational needs, shift work may be required.

To Apply (to SNOLAB directly)

Applications must be submitted to it@snolab.ca. Please do not fax or mail your applications. If you wish to do so, you can send it to studentjobs@snolab.ca as well: it will be added to a pool seen by the other Research Scientists/Managers and could be selected for other jobs. The application will include a cover letter and resume in a single PDF file with the name:
<Name>_<ProjectApplying>_<AcademicYear>_<HomeInstitution>.pdf"

Closing Date

November 15th , 2026

The posting will remain open until the position is filled, but review of applications will commence on Monday November 16th 2026. SNOLAB thanks all applicants for their interest, however, only those students considered for an interview will be contacted.

SNOLAB is committed to equity in employment and encourage applications from all qualified applicants, including women, Indigenous persons, members of visible minorities and persons with disabilities. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.

SNOLAB will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs.

Further information about SNOLAB may be found at www.snolab.ca