



Engineering Student

Full time, Finch, Ontario

Hours: Monday-Friday (8:00 a.m. - 4:00 p.m.)

Salary Range: To Be Determined

Start Date: May 4, 2020

At South Nation Conservation (SNC) you will be immersed in a diverse professional environment, where you will thrive in a multi-disciplinary community that includes engineers, planners, biologists, foresters, and GIS technicians, among others.

SNC's strength lies in our experience performing and applying cutting edge science and research at the community level. Our entrepreneurial culture is a dynamic combination of government and private sector, in which you will have the scope to lead innovative projects to protect and enhance our local environment.

POSITION DETAILS:

The incumbent will work in a multi-disciplinary team environment. Responsibilities include assisting with the completion of activities concerning the Authority's engineering requirements and requires a working knowledge of environmental, water resources or related field. This position reports to the Director, Organization Effectiveness.

WHAT YOU OFFER:

- Attending college or university; studying environmental, water resources or related field.
- Knowledge of hydrology, hydrogeology and physical geography.
- Technical aptitude for surveying and computer applications.
- Knowledge of basic conservation principles.
- Strong communication skills (both oral and written).
- Prior surveying experience is an asset.
- Prior surface water modeling experience (HECRAS, HSPF) is an asset.
- Experience in Geographic Information Systems (GIS) is an asset.
- Experience working with the public.
- Bilingualism (French/English) is an asset.
- Reliable transportation to and from the office.
- Valid Class "G" Driver's License.

WHAT WE OFFER:

- You will join an organization with over 70 years of history.
- You will have the opportunity to work with a solutions-focused team and develop your skills.
- You will work for an organization that places tremendous value on the professional and personal development its employees.



SOUTH NATION
CONSERVATION
DE LA NATION SUD

LOCATION:

The SNC office is in a rural location in Finch, Ontario, southeast of Ottawa. The successful candidate must have reliable transportation.

SUBMISSION INFORMATION:

Forward resumes, a writing sample and references by 8:00 am on January 31, 2020 to:

Hannah McMillan
Accounting Analyst, Corporate Services
hmcmillan@nation.on.ca

Please quote '*Engineering Student*' in the subject line. Submitted resumes must be in Word or pdf format.

All applicants must meet the eligibility criteria imposed by the funding agency,
<https://www.eco.ca/swilp/studentquiz.aspx>.

Thank you for your interest in South Nation Conservation; however only those candidates selected for an interview will be contacted. This position is funding dependent, the number of positions will be dependent on the amount of funding received.

SCHEDULE “A”

Job Stream: Resource Management

Position: **Engineering Student**

Employer: South Nation Conservation

Position Summary:

The incumbent will work in a multi-disciplinary team environment. Responsibilities include assisting with the completion of activities concerning the Authority's engineering requirements and requires a working knowledge of environmental, water resources or related field. This position reports to the Director, Organization Effectiveness.

Requirements:

- Attending college or university; studying environmental, water resources or related field.
- Knowledge of hydrology, hydrogeology and physical geography.
- Technical aptitude for surveying and computer applications.
- Knowledge of basic conservation principles.
- Strong communication skills (both oral and written).
- Prior surveying experience is an asset.
- Prior surface water modeling experience (HECRAS, HSPF) is an asset.
- Experience in Geographic Information Systems (GIS) is an asset.
- Experience working with the public.
- Bilingualism (French/English) is an asset.
- Reliable transportation to and from the office.
- Valid Class “G” Driver's License.

Duties/Responsibilities:

Under the functional guidance of the Team Lead, Engineering, the incumbent will:

- Perform field evaluations; water resources monitoring; survey watercourses and infrastructure in accordance with pre-established protocols.
- Participate in dam inspections; operations and evaluations.
- Assist staff in the delineation of hydrologic and hydraulic models.
- Assist the Authority with new and ongoing projects with the Resource Management Department. Projects include but not limited to; Flood Forecasting and Warning, Low Water Response, Water Erosion Control Infrastructure, Database Management (Climate and Hydraulic), Stream Flow Modeling, etc.
- Assist with the input of data collected into the database.
- Assist in the analysis of data and reporting.
- Prepare information and reports for management, committees, and the Board as required.
- Comply with regulations in the SNC Personnel Policy and SNC Health and Safety Policy.
- Ensure all staff, contractors, volunteers and visitors (working with the individual) comply with SNC Health and Safety Policy.
- Maintain facilities in a neat and clean condition.
- Other duties as assigned.

Health and Safety:

The incumbent shall:

- Work in compliance with the provisions of the *Occupational Health and Safety Act* and regulations;
- Use or wear the equipment, protection devices or clothing that the worker's employer requires to be used or worn;
- Report to his or her employer or supervisor the absence of or defect in any equipment or protective device of which the worker is aware and which may endanger himself, herself or another worker; and
- Report to his or her employer or supervisor any contravention of the *Occupational Health and Safety Act* or the regulations of the existence of any hazard of which he or she knows.