



JOB DESCRIPTION

Applied Research Student

POSITION SUMMARY

Student Researchers support applied research and innovation projects at Southeast College. They contribute to the design, development, testing, and implementation of real-world technical solutions while gaining hands-on experience in research, software development, and project collaboration.

Student Researchers may work on a variety of applied research initiatives including software development, data science, digital tools, community innovation projects, and emerging technologies.

This role provides opportunities for students to develop technical skills, collaborate with industry partners, and contribute to meaningful community-focused research.

POSITION DETAILS

Location	Estevan (Hybrid)
Number of Positions	1
Employment Terms	Full-time (37.5 hours/week)
Position Tier	Tier 2 - Intermediate Student Researcher
Start Date	May 1, 2026
End Date	August 31, 2026
Length of Employment	17 weeks
Apply by	April 10, 2026

RESPONSIBILITIES

Typical duties of the Applied Research Student may include, but are not limited to:

- Contribute to the development, testing, and maintenance of software systems and technical projects.
- Assist with the design, implementation, and documentation of applied research and software development initiatives.
- Support data collection, analysis, and troubleshooting activities related to project work.
- Collaborate with faculty, researchers, and students to plan and execute project tasks.
- Participate in project meetings and provide updates on progress and technical challenges.
- Document project work, technical processes, and results for internal reporting or knowledge sharing.
- Assist with coordination of project activities, events, or demonstrations related to applied research initiatives.
- Contribute to testing, debugging, and refinement of prototypes or software solutions.
- Additional duties as required.

PROJECT

- Contribute to the development of an applied research software development project involving the continued enhancement of an existing web-based application.
- Strong knowledge of web development technologies such as HTML, CSS, JavaScript, React, and Supabase would be beneficial.

QUALIFICATIONS

1. **Required Education & Experience**

- Currently enrolled in a bachelor's degree program in computer science, software engineering, or a related STEM field.
- Experience contributing to software development, technical projects, or research activities through coursework, internships, co-op placements, or independent projects.
- Demonstrated solid proficiency in at least one programming language (e.g., Python, JavaScript, Java, C++, or similar).
- Experience contributing to collaborative software projects, open-source development, or applied research initiatives is considered an asset.
- Familiarity with version control systems (e.g., Git) and project tracking or issue management tools (e.g., GitHub Projects, Jira, Trello, or similar) is considered an asset.

2. Knowledge, Skills, & Abilities

- Strong problem-solving and analytical thinking skills.
- Ability to learn new technologies and technical concepts quickly.
- Strong written and verbal communication skills.
- Ability to work both independently and collaboratively within a team environment.
- Strong organizational and time management skills.
- Interest in software development, applied research, and technology innovation.
- Experience working on technical projects, academic research, or software development projects is considered an asset.

3. Other Requirements

- Satisfactory Criminal Record Check Required

This position is ideal for students who are passionate about software development, applied research, and project-based learning, and who are interested in contributing to innovative technical projects while developing their professional and technical skills.