

POSITION SUMMARY

This independent contractor role provides hands-on support, specialized mentorship, and instruction for program participants working on real-world software development projects. The contractor delivers technical expertise, instruction, mentorship, project coordination support, evaluation, and facilitate client communication within the *Computer Science Training Through Projects* summer program. Engagement levels will vary depending on class enrollment and project funding.

PAY \$50 per hour

HOURS 150 – 200 contract hours

LOCATION Estevan, Weyburn

SCOPE OF WORK This is an independent contractor engagement funded through a short-term grant under the personal interest course stream. The contractor will provide instructional services on a project basis.

1. Division: Innovation & Applied Research
2. Function: Contract Instructor Position
3. Supervisor: Research Coordinator
4. Direct Reports: None
5. Budget Responsibility: None

RESPONSIBILITIES

Typical duties of the CSTTP Instructor may include, but are not limited to:

- Provide instruction to program participants on Computer Science, Project Management, and Communications basics as well as other project-based computer science topics.
- provide instructional guidance on the setup, maintenance, and testing of computer science projects, including data monitoring and troubleshooting
- Provide support for coordination of events, programs and projects
- Guide program participants in conceptualizing, planning, and executing real-world software development projects
- Help program participants troubleshoot and resolve technical and project management challenges related to their projects
- Monitor program participants and project progress and provide regular updates to supervisor
- Provide program participants evaluation and award final microcredential certification.
- Additional duties as required

QUALIFICATIONS:**1. Required Education & Experience:**

- Bachelor's degree or master's degree in computer science, software engineering or related STEM field
- Two or more years of practical, computer science, software development, IT systems, web development, or other computer related experience

- Demonstrated proficiency in at least one major programming language (e.g., Python, JavaScript, Java, C++, or similar)

2. Preferred Qualifications:

- Demonstrated experience working in a diverse cross-cultural environment
- Strong portfolio demonstrating successful completion of diverse computer science or software development projects
- Experience in technology project management or leadership roles
- Prior teaching, tutoring, mentorship, or volunteer experience

3. Knowledge, Skills & Abilities:

- Strong interpersonal skills and communication skills, both verbal and written, to effectively mentor and support program participants
- Adaptability and willingness to rapidly learn and apply new technologies and concepts
- Strong problem-solving abilities and critical thinking skills
- Creativity in developing engaging learning experiences
- Excellent collaboration and teamwork capabilities

4. Other Requirements:

- Satisfactory Criminal Record Check Required

DATE REVISED: October 1, 2025