

Research Assistant Opportunity

Specification and Scaffolding in Project-Based Learning of System Architecture

The Simon Fraser University Institute for the Study of Teaching and Learning in the Disciplines invites applications for a Research Assistant appointment for the Teaching and Learning Development Grant project, “**Specification and Scaffolding in Project-Based Learning of System Architecture**”. Our goal is to investigate the learning outcomes of group project definition details, and procedures. The appointment will start on Nov 30, 2020 (or earlier).

During this project, you will:

- Assist with the literature review;
- Assist in creating surveys;
- Create, coordinate and conduct student interviews;
- Record and transcribe interviews;
- Analyze and summarize survey and interview data;
- Perform quantitative and qualitative data analysis;
- Assist with compiling the final report;
- Attend meetings with the project team.

What you bring:

- Experience conducting literature reviews;
- Experience in research instrument design such as creating surveys, interview protocols, interview questions;
- Expertise in coordinating and conducting interviews;
- Familiarity with Web and Cloud based systems and platforms (e.g., AWS, GC);
- Familiarity with data analysis and visualization;
- Experience with data entry and management;
- Excellent interpersonal skills, including strong oral and written communication skills;
- Ability to work independently, productively, and creatively;
- Current enrolment in an undergraduate or graduate program at SFU Faculty of Education, Computing Science, or Engineering Science
- An interest in evidence-based teaching and learning, and education in computing science.

Rate of pay: \$24-\$26/hr (including vacation and statutory holiday pay, no medical or dental benefits).

Note: References will only be requested from short-listed applicants.

To Apply: Send an email to Dr. Ouldooz Baghban Karimi (ouldooz@sfu.ca) including (1) your resume, (2) your advising transcript, (3) the reason you are interested in this project, and (4) a 1-page cover letter structured to address the qualifications, role responsibilities, and previous applicable experience as listed above.

Application deadline: November 15, 2020, 4:30 p.m.