Computational Thinking Assessments

PROJECT DESCRIPTION
Computational thinking (CT) is defined as a set of cognitive processes associated with problem solving aiming to help formulate problems into steps that can be carried out by a computer. Although CT constitutes an important 21st-century competency, there are currently very few CT assessments in the literature. This project proposes to develop and validate assessments of computational thinking to test concepts such as abstraction, decomposition, pattern recognition, and sequencing (i.e., sorting actions in a specific order to accomplish a task).

FACULTY-DEPARTMENT
Education - Educational Psychology

OPEN TO STUDENTS FROM THE FOLLOWING INSTITUTIONS
Chinese universities participating in the Double First-Class Initiative.

DESIRED FIELD OF STUDENT STUDY
Computing Science or Education

INTERNSHIP LOCATION
Edmonton Campus

NUMBER OF INTERNSHIP POSITIONS
1

INTERNSHIP DATES
Start: July 2, 2019
End: October 2, 2019

ARE THE DATES FLEXIBLE?
Yes, I am flexible regarding the internship dates. Selected students can contact me to request a date change.