

Sliding Time Window Replications of Mining Software Repositories Research

PROJECT DESCRIPTION

Mining Software Repositories (MSR) is the study of software systems, their stakeholders (programmers), and their evolution. In this project we will replicate existing MSR studies (by downloading their replication packages) and see if their results are the same over time. The stability of a result is in question: we believe that empirical software engineering research is making false claims and should limit its claims to project and periods under study.

Students will learn: Statistics, Machine learning, Source Code Analysis

FACULTY-DEPARTMENT

Science - Computing Science

OPEN TO STUDENTS FROM THE FOLLOWING INSTITUTIONS

Chinese universities participating in the [*Double First-Class Initiative*](#).

DESIRED FIELD OF STUDENT STUDY

Ability to program in Java or Python. Statistics is great. Datamining and machine learning is great too.

INTERNSHIP LOCATION

Edmonton Campus

NUMBER OF INTERNSHIP POSITIONS

3

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.