CMPT 479 - E100 Spec.Topics/Computing Systems

Instructor(s): Saba Alimadadi

SFU Burnaby

Calendar Objective/Description: Spec.Topics/Computing Systems

Instructor's Objectives:

This course examines current research topics in software engineering for the web, with a focus on analysis of web applications.

Web applications have become one of the fastest growing types of software systems today. Despite their popularity, analyzing the behaviour of modern web applications is still a challenging endeavour for developers due to their asynchronous, dynamic, and event-driven nature.

This seminar-based course will focus on current methods and techniques for analysis of web applications, with a focus on comprehension, debugging, and testing methods. The main topics of web engineering will be introduced in the class, and will be followed by students reading and reviewing papers, presenting, and conducting open discussions. The students will also pursue a term-long project in the area of web engineering. There is no required textbook. A list of readings and recommended references along with the grading schemes will be provided at the beginning of the term.

Prerequisites:

see go.sfu.ca

Grading:

Academic Honesty Statement:

Academic honesty plays a key role in our efforts to maintain a high standard of academic excellence and integrity. Students are advised that ALL acts of intellectual dishonesty will be handled in accordance with the SFU Academic Honesty and Student Conduct Policies (http://www.sfu.ca/policies/gazette/student.html).