Computer Science 690B: Research Methods in Computer Science II

Introduction

YOUR THESIS IN PICTURES (AGAIN)

COURSE ORGANIZATION AND WORKLOAD

COURSE PHILOSOPHY
Your Thesis in Pictures I

1 year [1.6 years]

thesis topic selection

thesis proposal

thesis

2 years [4 years]

degree (MSc [PhD])

presentation(s)

publication(s)
Your Thesis in Pictures II

What You Can Do

What Hasn’t Been Done

What’s Worth Doing

You Should Be Here
Course Organization

- Starting Research: Selecting and Validating a Research Topic
- Doing (and Surviving) Research
- Presenting Research I: Conference Submission
- Presenting Research II: The Joy of Peer Review
- Presenting Research III: Conference Presentation, Attendance, and Beyond
Course Workload

- Evaluation scheme:
  
  Assignments (2)  40%
  In-class Presentation  20%
  Course Project  40%

- Assignment #1 = Abstract I + annotated bibliography.
- Assignment #2 = Abstract II + literature review + conference paper peer review
- Course project will be **either** a stripped-down thesis proposal **or** a stripped-down research funding proposal (choice in consultation with instructor).
- Final mark = (40% 690A mark) + (60% 690B mark).
Course Philosophy:
Paragons and Pragmatists

Mahatma Gandhi
(1869–1949)
What We Should Do

Niccolò Machiavelli
(1469–1527)
What We Actually Do
Course Philosophy:
The Importance of Story

“It doesn’t have to be revolutionary and it doesn’t have to be very difficult but it must tell a story.”

— Juris Hartmanis (1928–)
Welcome to Research Boot Camp

“ARE YOU READY???”