Computer Science 690A:
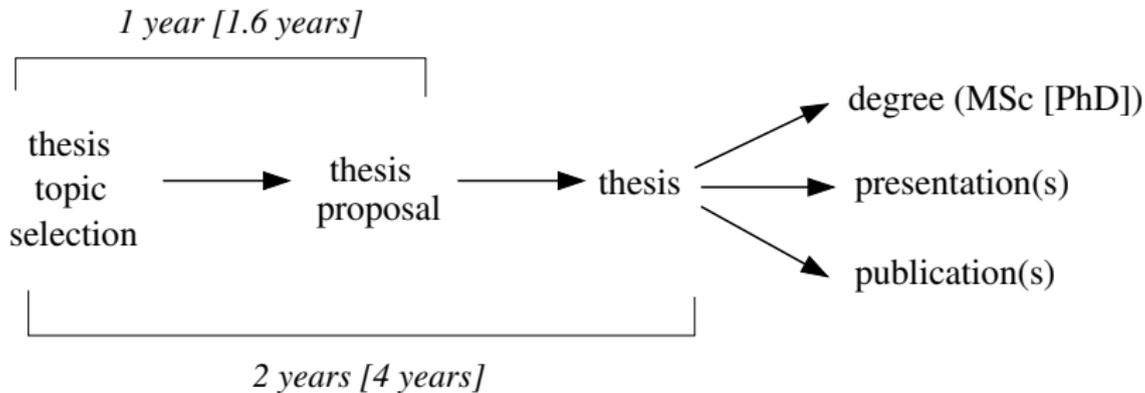# Research Methods in Computer Science I

Introduction

YOUR THESIS IN PICTURES

COURSE ORGANIZATION AND WORKLOAD
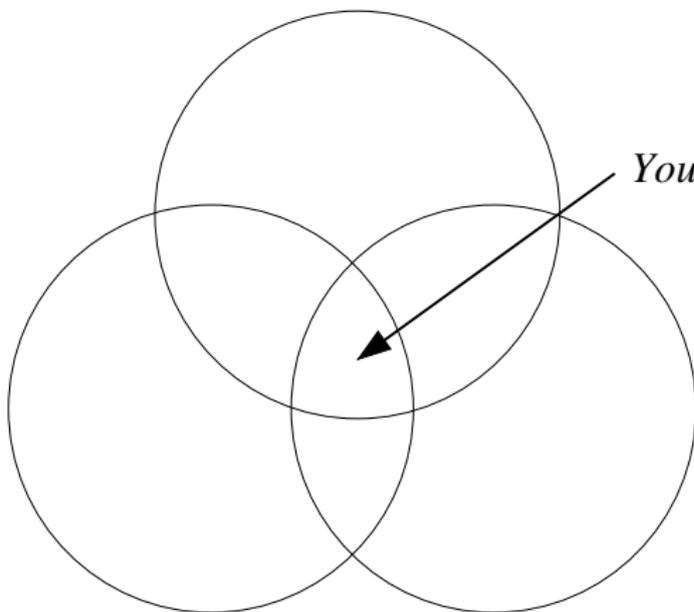
COURSE PHILOSOPHY

Your Thesis in Pictures I

Your Thesis in Pictures II

What You Can Do

You Should Be Here

What Hasn't Been Done   What's Worth Doing

Course Organization

690A
- Giving Talks for Fun and Enlightenment
- Typesetting Documents: Fun with LaTeX and BibTeX
- Effective Literature Search
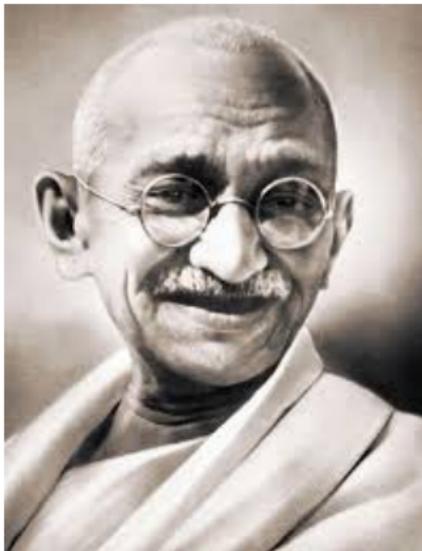- Starting Research: An Overview

690B
- Starting Research: Selecting a Thesis Topic
- Doing (and Surviving) Research
- Presenting Research I: The Joy of Peer Review
- Presenting Research II: Conference Submission,
  Attendance, and Beyond

Evaluation Scheme

690A	• Assignments (2)	30%
	• In-class Presentation	20%
	• Tests (2)	50%
690B	• Assignments (2)	40%
	• In-class Presentation	20%
	• Course Project	40%

690A/B mark $= (40\%$ 690A$) + (60\%$ 690B$)$

Course Philosophy:
Paragons and Pragmatists

Mahatma Gandhi
(1869–1949)
What We Should Do

Niccholò Machiavelli
(1469–1527)
What We Actually Do

Course Philisophy:
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
(1928–2022)