Introduction

COSC 290: Discrete Structures
Spring 2026
Prof. Forrest Davis

January 19, 2026

Warm-up

1. Turn to your neighbor:

   - Introduce yourself

   - Discuss the highlights of your break

   - Discuss whether you saw a movie you liked over break

   - Discuss something you have done in computer science, or using computer science, that you have enjoyed

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Logistics

- We have a course website: https://forrestdavis.github.io/cosc290/

Learning Objectives

- Build a strong mathematical foundation for computer science

- Apply induction and other techniques to prove computational and mathematical results

- Solve problems using discrete structures (including, sets, relations, functions)

- Grow as a computer scientist

Before Next Class

- Please fill out this survey, so I can get to know you: https://forms.gle/6EjvckpjgEXAttuV6

- Read from the book (see the course website schedule)