

Overview

- Overview of this course
 - Python programming review for assignment 1
 - Search algorithm: overview
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- Discussion slides (for this session) will be uploaded to BruinLearn and my personal website <https://web.cs.ucla.edu/~weightzero/teaching/CS161-23W>
 - Office Hour 4-6p Thursday

Overview of this course

What you will learn in this class

- Search algorithms (BFS/DFS, constrained, two-player) (usually before midterm)
 - Finding the path to solution on a graph, simple chess games
- Logic expressions and inference (automated) (usually after the midterm)
 - The square of any real numbers are positive, 1 is a real number
 - How to proof $1^2 \geq 0$
- Bayesian Networks (when with uncertainty)
 - Windy may lead to Rainy, Rainy may lead to traffic jam
 - How will windy affect the probability of traffic jam