

# COSC 370 – Artificial Intelligence

## Project 5

**Purpose:** Turing Test Time.

**Task:** In Java, create a chat program that could be a prototype for an AI that can beat the Turing Test. Since you have a limited amount of time (see below), I will narrow the potential chat topics to the following subjects:

- \* Baseball
- \* Sushi
- \* United States Civil War
- \* Aerial robots
- \* Algorithmic Graph Theory
- \* Ponies

Your program should run like a standard chat program in the console. Your program will have to parse natural language (read: there will be no specific format to the chat responses) and respond appropriately. Your program should attempt to be as human-like as possible in its responses.

Use any and all tools you have at your disposal. Note: you should not use an off the shelf chat program/chat library to do this program. You have to create your own.

**Goal:** Create an awesome chat bot program in Java.

**Bonus (10 points):** Handle misspellings.

You may work in teams of up to 3 for this project. Team requests are due by 5pm, Monday, April 18<sup>th</sup> and you may work with your partners from project 1, 2, 3 or 4. If you do not have a team request in at this point, I will assume that you are working alone.

**Deliverables:** Your source code.

**DUE: April 25<sup>th</sup> at 11:59pm in the Digital Dropbox**