SPRING 2025 AI EXPO

These eight original systems were developed in Spring 2025 by students at UTSA to teach key ideas in Artificial Intelligence and Machine Learning.

We hope that you enjoy interacting with them!

Drs. Fred Martin and Ismaila Sanusi, Computer Science

Dr. Deepti Tagare, Interdisciplinary Learning & Teaching

Superhero School
Gabriela Saenz & Adrian Cisneros

As an instructor at the Superhero School, teach the Robot Recruit how to be a hero! Make choices about how to respond to challenging scenarios and then explain them. Then the AI tells you what it learned about how you solve problems.
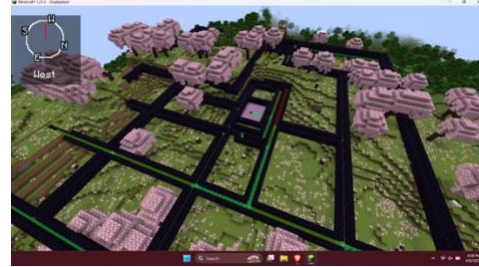
EmoSnap
Neha Bhosale & Sravani Nuthi

An AI system has been trained to recognize emotions. Participate in an interactive experience by making happy, sad, or neutral faces to advance through the story!
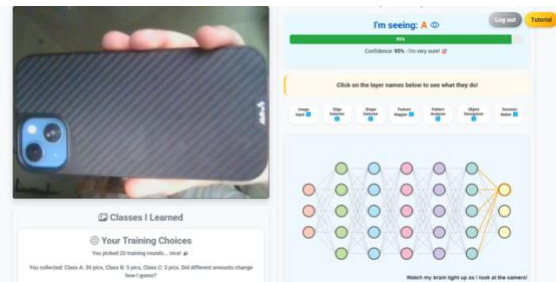
PathfAInder
Patrick McLaughlin & Devin Marinelli

Inside a Minecraft world, take the role of a "reinforcement learning" AI agent by finding the best path through a maze.

Kids AI Lab
RJ Singh & Callista Martin

Train a neural network to recognize three different images and see a visualization of the training process.
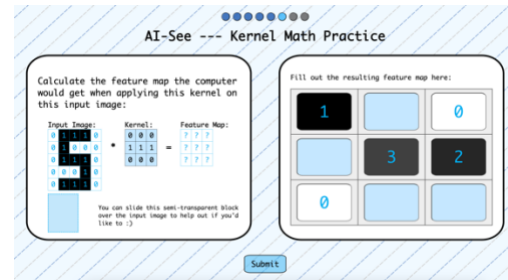
Think Like AI *

Saniya Vahedian Movahed

Gain insight into how Large Language Models like ChatGPT work by seeing next-word predictions as a function of the "temperature" and "top-p" settings.
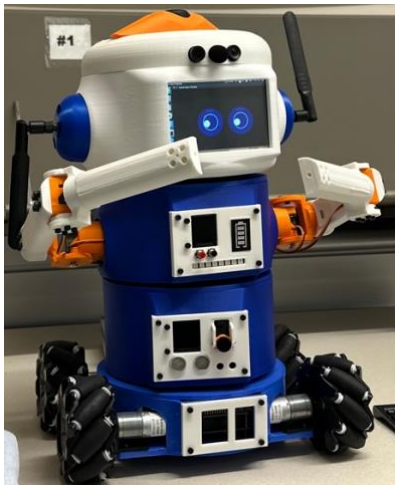
AI See *

Durga Rajarajan

Discover how computer vision works by learning about the mathematics behind "kernels," which extract features from images.
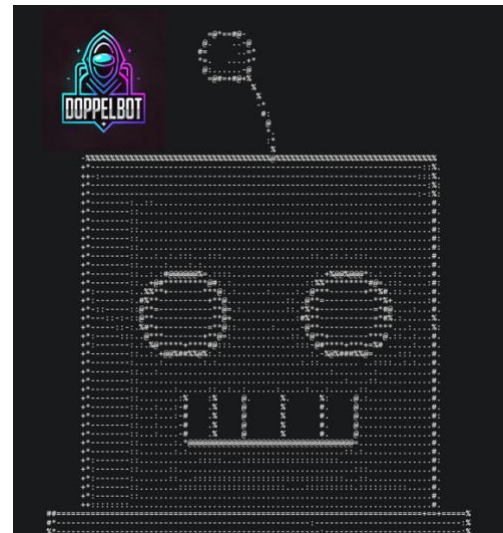
Echo the Robot

Andy Ayala & Ines Hans Capitan

Interact with Echo the Robot! It will do a dance when it sees your face and you can give it verbal commands via a ChatGPT language understanding model.

* Developed by a research student of Dr. Martin and demonstrated alongside "Developing AI Tools for K–12" course projects at the AI Expo

DoppleBot

Dan Schumacher, Haven Kotara, & Kosi Atupulazi

Play a social deduction game where an AI bot is pretending to be you. You and two other human players do a text chat with three DoppleBots. Figure out who is real and who is the AI!