

Portfolio

Here are some non-professional projects that I've put together for fun, for a class, or just to learn something new.

Machine Learning and AI from scratch

Race Simulation with Reinforcement Learning (video demo)

Deep Neural Network (video demo)

Linear Classification (video demo)

User Interfaces

“Clue-less” Multiplayer Game (video explainer): Python, GUI, OO

Kaggle Point Calculator (web app): R, Shiny

Next Word Predictor (web app): R, Shiny, NLP

Other Projects

2048 Console Game: Python

Caesar Cipher Decrypter: Java

Calculator From Scratch: Excel

Patio: Herringbone brick, 225 sqft, Stone firepit w/ built-in grill