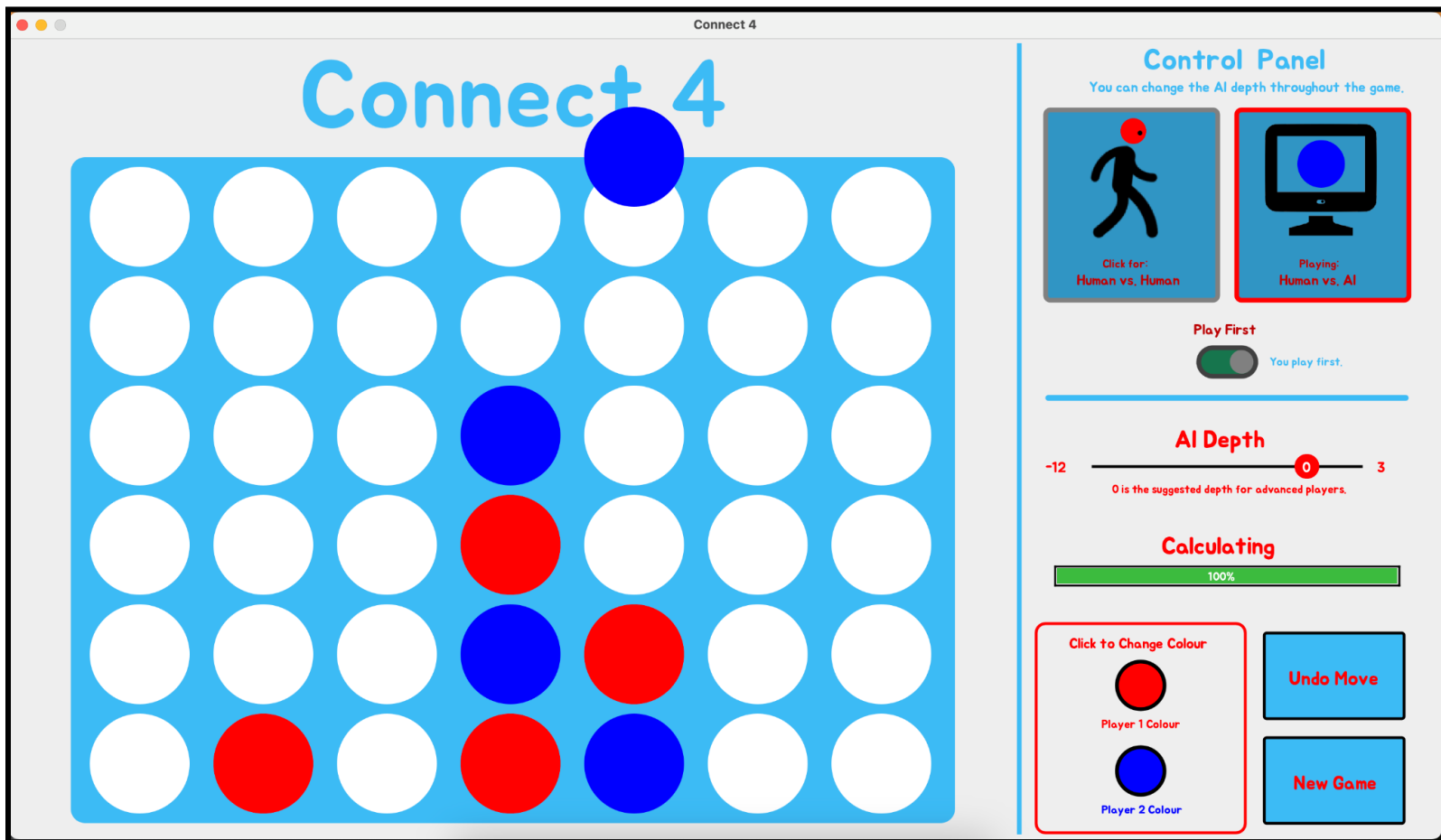


Ryan Marshall | Personal Projects Portfolio

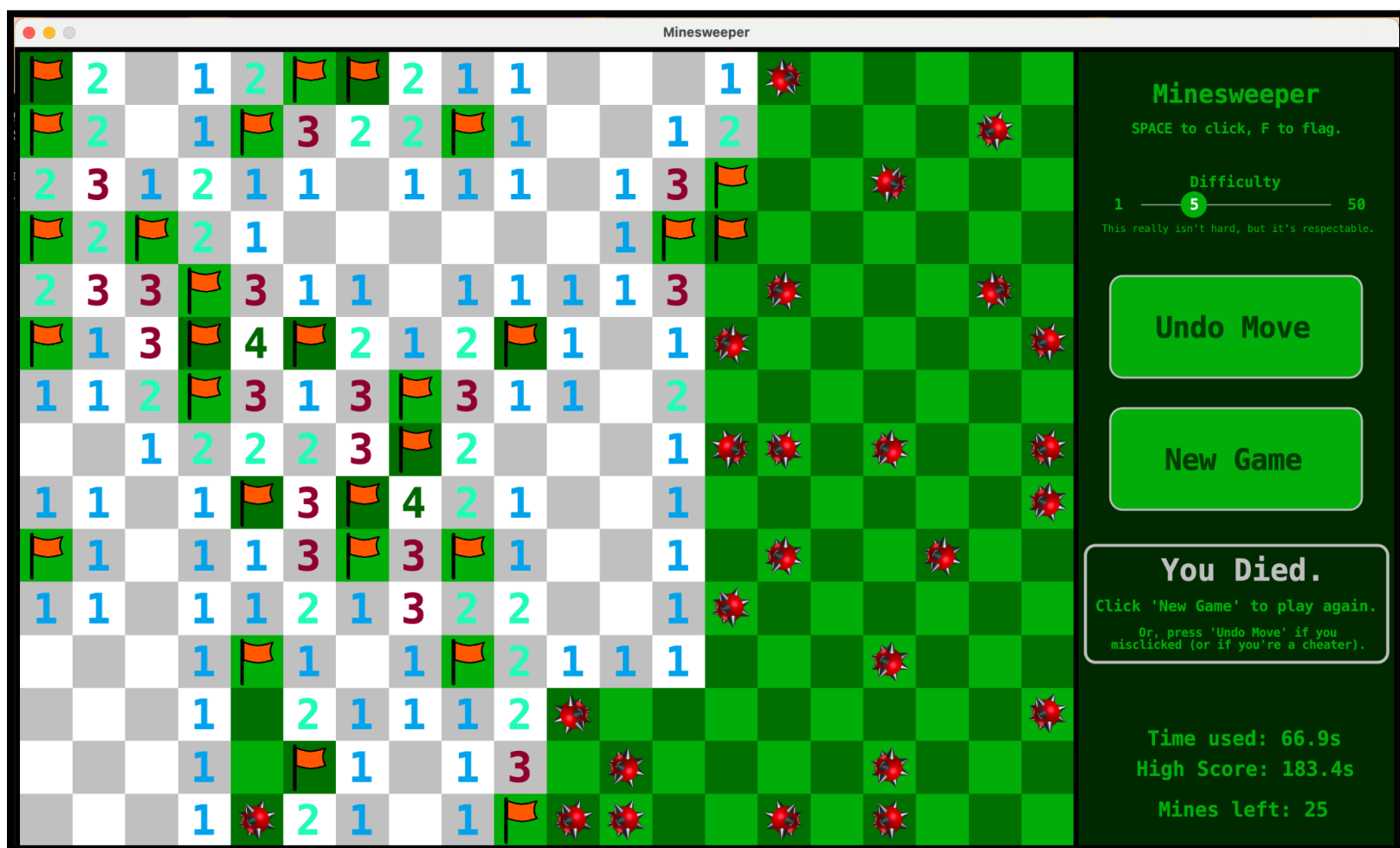
All of my personal projects can be found at <https://github.com/Ryan-C-Marshall>. This portfolio simply provides some visual examples of these projects as a bite-sized representation of my work.

Project 1: Connect 4 (Java)



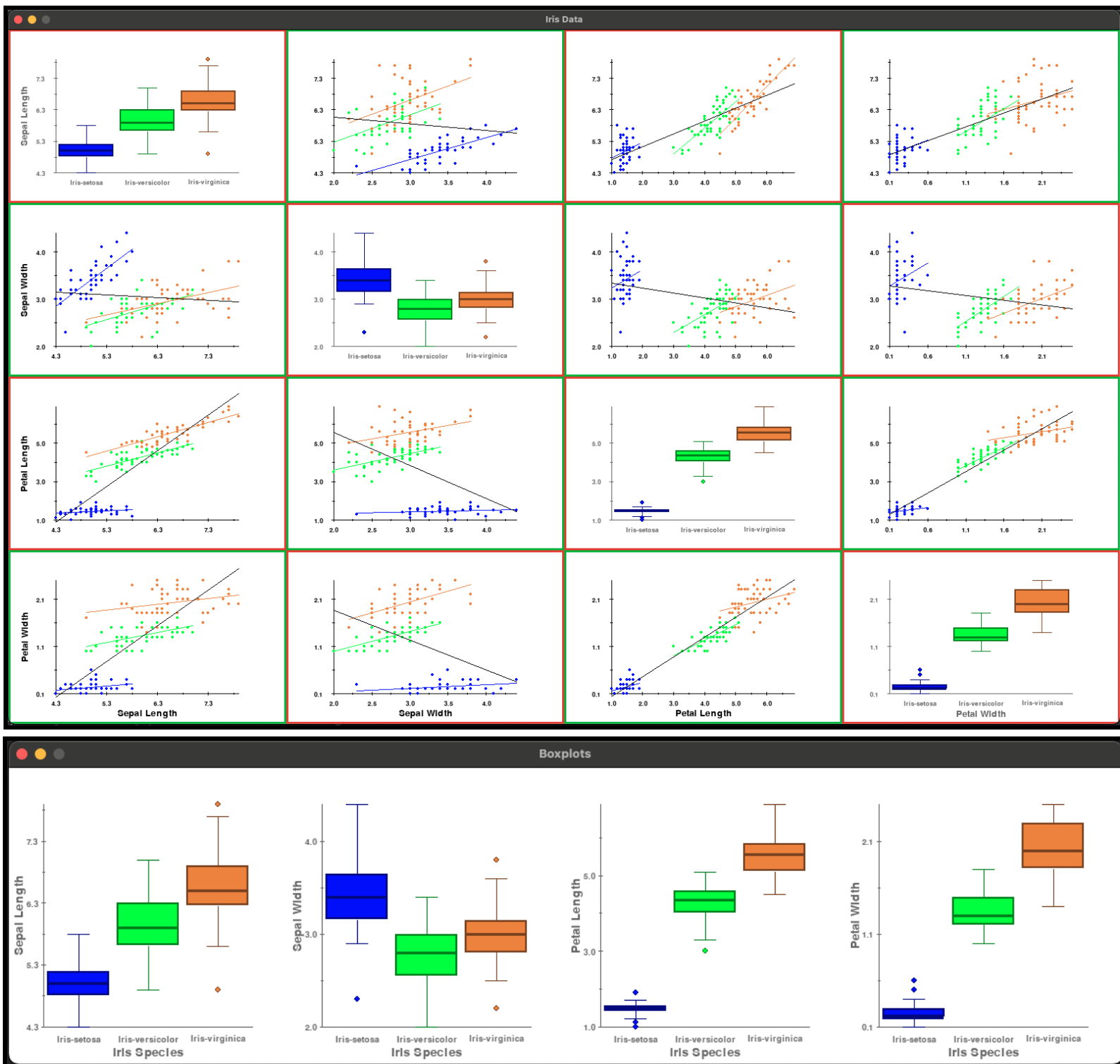
This project combines a user-friendly GUI composed entirely of custom, self-built modules (e.g. buttons, toggle buttons, sliders, etc.) with a computationally complex algorithm to determine the computer's best move. This project required both creative and logical competence to complete.

Project 2: Minesweeper (Java)



This project also utilizes my custom built GUI add-ons in Java, contributing to a simple yet effective GUI. This program also keeps track of high scores, allowing me to explore external file storage, and the integration of an automated solver exercised my problem-solving and algorithm design skills.

Project 3: Statistics Library (Python)



This statistics library is also entirely composed from scratch. Not only was this project an exercise in customizability, but it was an effective introduction to data manipulation in Python.