

## Chess Robot

Team: Daniel Shur, Dror Chen and Uri Seligmann

## Overview

Our Chess Robot is a physical single-player chess interface.

Using a magnet mounted to a three-axis system hidden underneath the board, our program is able to physically move chess pieces and play entire games at different skill levels. Moreover The system maintains precision via a semi-closed feedback loop, utilizing camera-based visual recognition after each move to ensure near perfect board-state synchronization.

