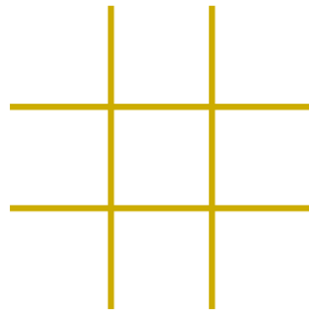


Team Terminator – Progress Report

A Machine Learning Game Playing Robot



Cory Bethrant & Maxime Keita

Algorithm Progress

Algorithm Successfully Finds Tic-Tac-Toe Grid

```
class GridAdaptedFeatureDetector : public FeatureDetector
{
public:
    /*
     * detector          Detector that will be adapted.
     * maxTotalKeypoints Maximum count of keypoints detected on the image.
     *                  Only the strongest keypoints will be kept.
     * gridRows         Grid row count.
     * gridCols         Grid column count.
     */
    GridAdaptedFeatureDetector( const Ptr<FeatureDetector>& detector,
                               int maxTotalKeypoints, int gridRows=4,
                               int gridCols=4 );
    virtual void read( const FileNode& fn );
    virtual void write( FileStorage& fs ) const;
protected:
    ...
};
```

Camera Progress

Camera Assembled and Successfully Tested



Risk Management

Having different schedule is one of the issue now

We are afraid we will not finish on time

Steps To Be Completed

Finish Assembly of Arm

Complete AI

Complete Board State Detection

Linking Together Processes