Shawn Frye

The successful outcome of our project would be a robust multilayer neural network capable of accurately recognizing and interpreting traffic hand gestures performed by police officers, construction workers, or alike. This neural network would exhibit high levels of precision and reliability, enabling it to effectively differentiate between various traffic related hand signals in diverse environmental conditions, such as varying lighting and weather conditions. Also, the successful implementation of this technology would enhance self-driving vehicles abilities to overcome complex traffic situations and increasing safety by providing automated recognition of hand signals. This would also allow for smoother traffic flow and reduce the risk of accidents at intersections or construction zones.