Name/Contact of Project: Yuzuru Takashima

Project Name: Holographic LIDAR

Project Description:
Student characterizes performance of optical components, laser source, Micro Electro Mechanical System (MEMS) device, and detectors of Holographic LIDAR system for next generation autonomous vehicles.

Required Skills:
Arduino Programming and interfacing to Digital and Analog IC Circuit, FPGA Programming

Ideal Skills:
LabView Programming, MatLab