Overview of this folder:

2016: 11th Grade: Hydrogen Fuel Cell Literature Review, presented at Regional Science Fair

2017: 12th Grade: Haptic Feedback in Virtual Reality, presented at Regional Science Fair and Awarded Minnesota Scholars of Distinction

2018: Freshman Year Summer: Obstacle Avoidance and Autonomous Navigation, NSF REU Report

2019: Sophomore Year: Maximum Power-Point Tracking Solar Charge Controller, Circuit Design and PURE Poster Presentation

2020: Junior Year: “Classification of Buildings using Google Street-View API and ResNet CNNs,” Machine Learning course project conducted in collaboration with a Civil Engineering research lab

2021: Senior Year: “The Optimal Audio Interface for an Agriculture Robot,” – Abstract for Senior Thesis this year, project is in progress

2022: Grad School: “Examining Audio Communication Mechanisms for Supervising Fleets of Agricultural Robots” Submitted to HRI 2022 (deadline Nov 2021), rejected, plans to submit to ROMAN 2022 (deadline march)

Current Resume

Current Transcript

Deadline’s spreadsheet for Letter of Rec writers

GRFP Personal Statement

GFP Research Plan