

# Projects

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## **Ludum Dare (Game Jam): Life is Currency**

**2019**

Used Two.js to make a Tower Defense browser game where the only way to make currency is to lose health.

## **HackMerced – On My Way**

**March, 2019**

Used ReactJS to make an alternative graduation requirement planner which uses the minimum amount of server usage to keep the program speedy and user friendly.

## **SPARK Final Project**

**2018 — Merced, CA**

Contributed data analysis code to interpreted oscilloscope data to find the speed of light in Python.

## **EVHS Robotics (FIRST Robotics)**

**2018**

Contributed to computer vision code in C++ and Java that automatically detected and handled yellow cubes on a playing field.

## **Google foobar**

**2018**

Completed all levels (1 - 5) of the Google foobar coding challenge twice and had been reached out by Google on both occasions.