CADEN KRAF

Avid aspiring engineer and designer capable of taking on complex projects in the field. Eager to take on hard problems and solve my way through them.

Phone: 87666554

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SG 283141

Email: cadenkraft@gmail.com

EXPERIENCE

2020 to 2021

KONBINI TECHNOLOGIES

Junior Technician

- Implementing Konbini Technologies' autonomous vending system into a wide range of new products.
- Worked on facial recognition lockers and electronic prototyping.

2020 to Pres.

SPACELAB

Captain

- Lead team to deploy experiment on the International Space Station.
- Designed custom PCBs and 3D printed components to be used in the experiment and capsule using Solidworks and KiCAD.

2018 to Pres.

FIRST ROBOTICS COMPETITION

Fabrication Lead

- Manage and oversee the fabrication and assembly of components for our robot using a CNC Router, Mill, and other tools.
- Qualified and competed at the 2019 Detroit World Championships.

2018 to 2019

NUTONOMY

Project lead

- Project Lead for the design and creation of an autonomous testing vehicle.
- Project to be used to simulate collisions for autonomous automobiles.

MYSKILLS

Proficient in many engineering related softwares like Solidworks,
Autodesk Inventor, KiCad. Also proficient in Photoshop and Illustrator with novice level knowledge of Java and Javascript.
I am able to take on problems and find inventive solutions to solve them.

INTERSTS







DESIGN

GRAPHICS CODING







MUSIC ROBOTICS

EDUCATION

2018 to Pres.

SINGAPORE AMERICAN SCHOOL Singapore - SG

Relevant courses:

- Honors Precalculus
- Advanced Topic Computational Physics
- Intro to Statistics and Precalculus

2017 to 2018

PLEASANT VALLEY HIGH SCHOOL Bettendorf - IA

Relevant courses:

Intro to Engineering and Design

AWARDS

2020 to 2021

INTERNATIONAL SPACE CHALLENGE

Singapore - SG

- Completed 50 page technical paper on a proposed lunar rover design
- Won Amazon Web Services Innovation Award and was a top 10 finalist out of 120 projects