Project Portfolio

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E-NABLE Volunteer Project


- E-NABLE is an international organization that connects people who are in need of prosthetics with a community of volunteers.

- My role as a volunteer is too take what the person needs based on accessibility and edit one of the existing models to fit them. I then print and assemble the kit.
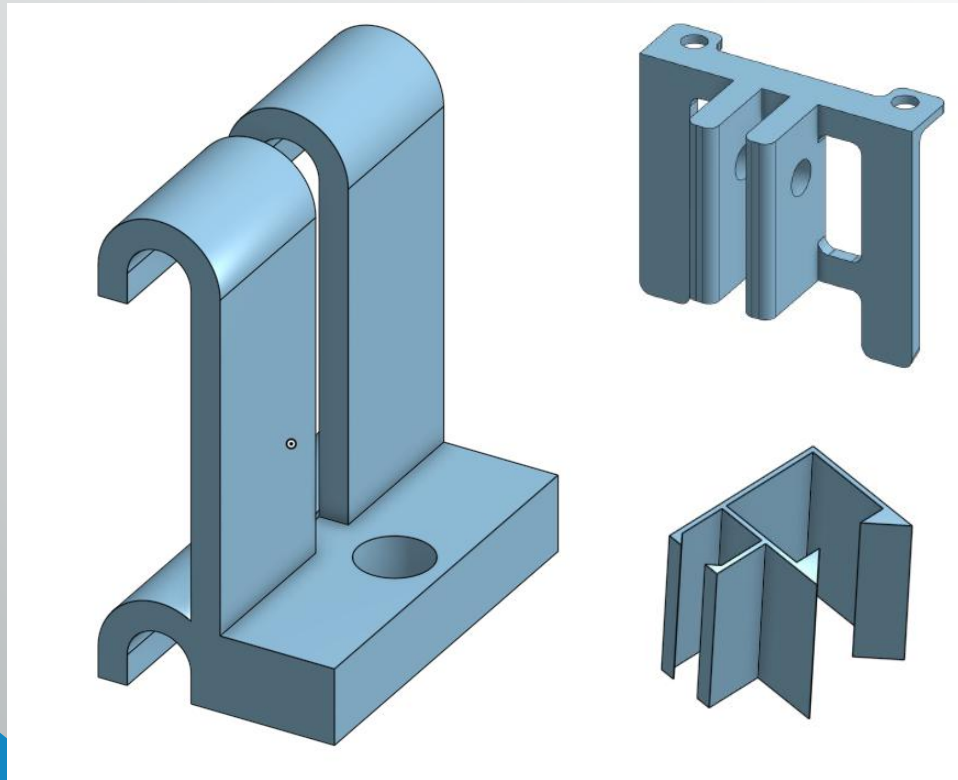
UCF-Boat Project
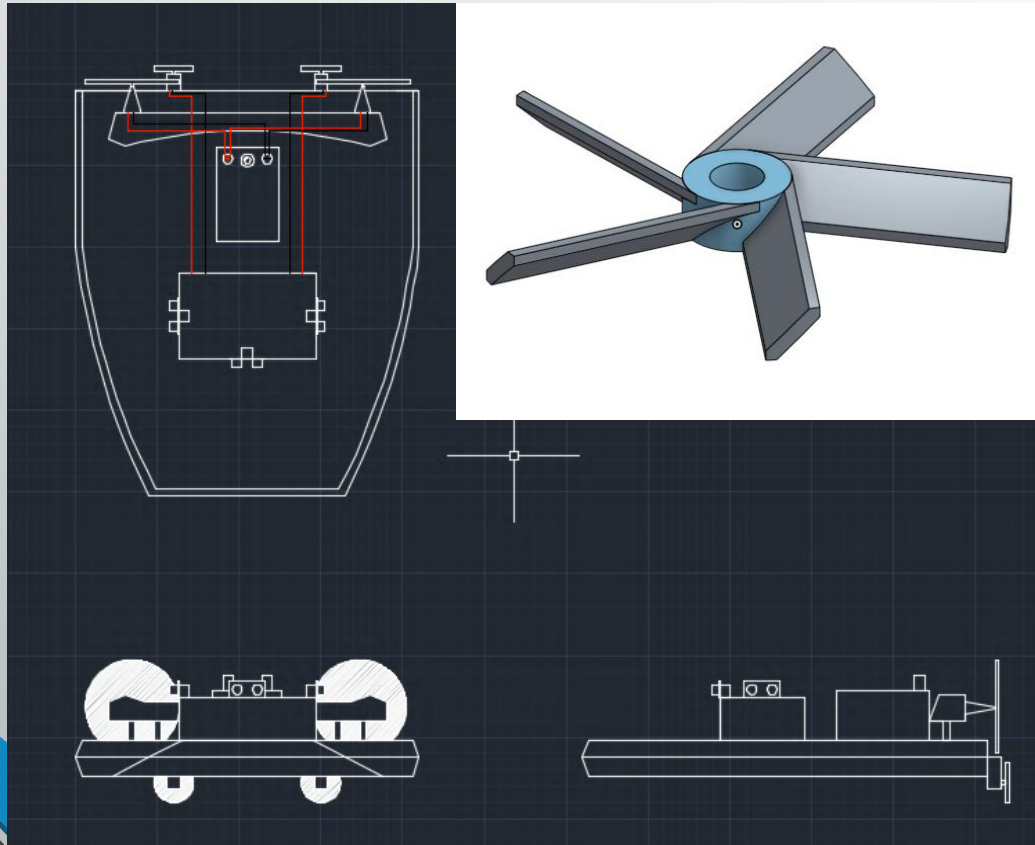
- CAD and wiring plans of the autonomous boat.
- Boat propeller that was modelled and 3D printed to be used too steer the vessel.

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UCF-Boat Project Prototypes
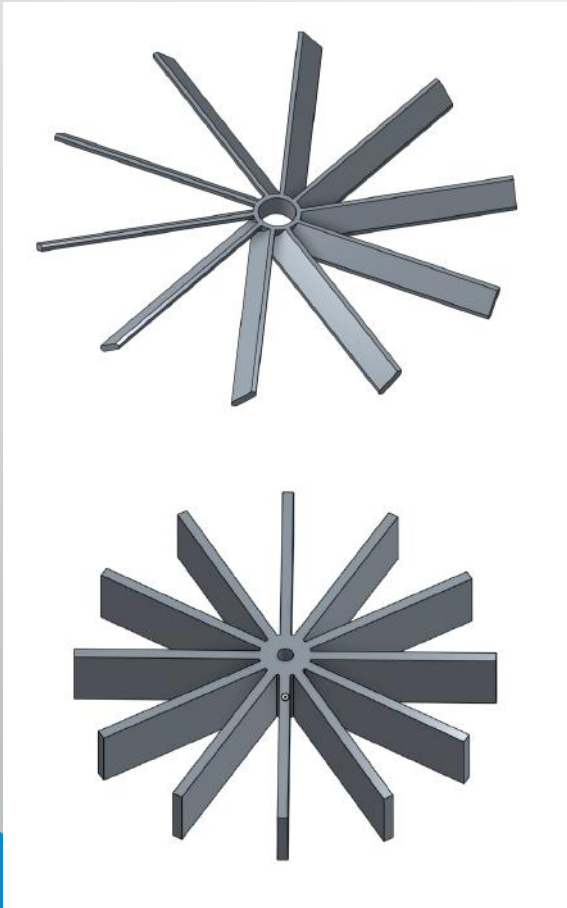
- These were prospective boat propeller designs, that were later scrapped for a more efficient design.

3D Printer Expansion

- Designed and printed two different prototype's for attaching a dial gauge on my 3D printer to fine tune bed levelling.
- Also in CAD made clips to combine two different pieces of aluminum framing to make for an interchangeable and modular system.

Reverse Engineering
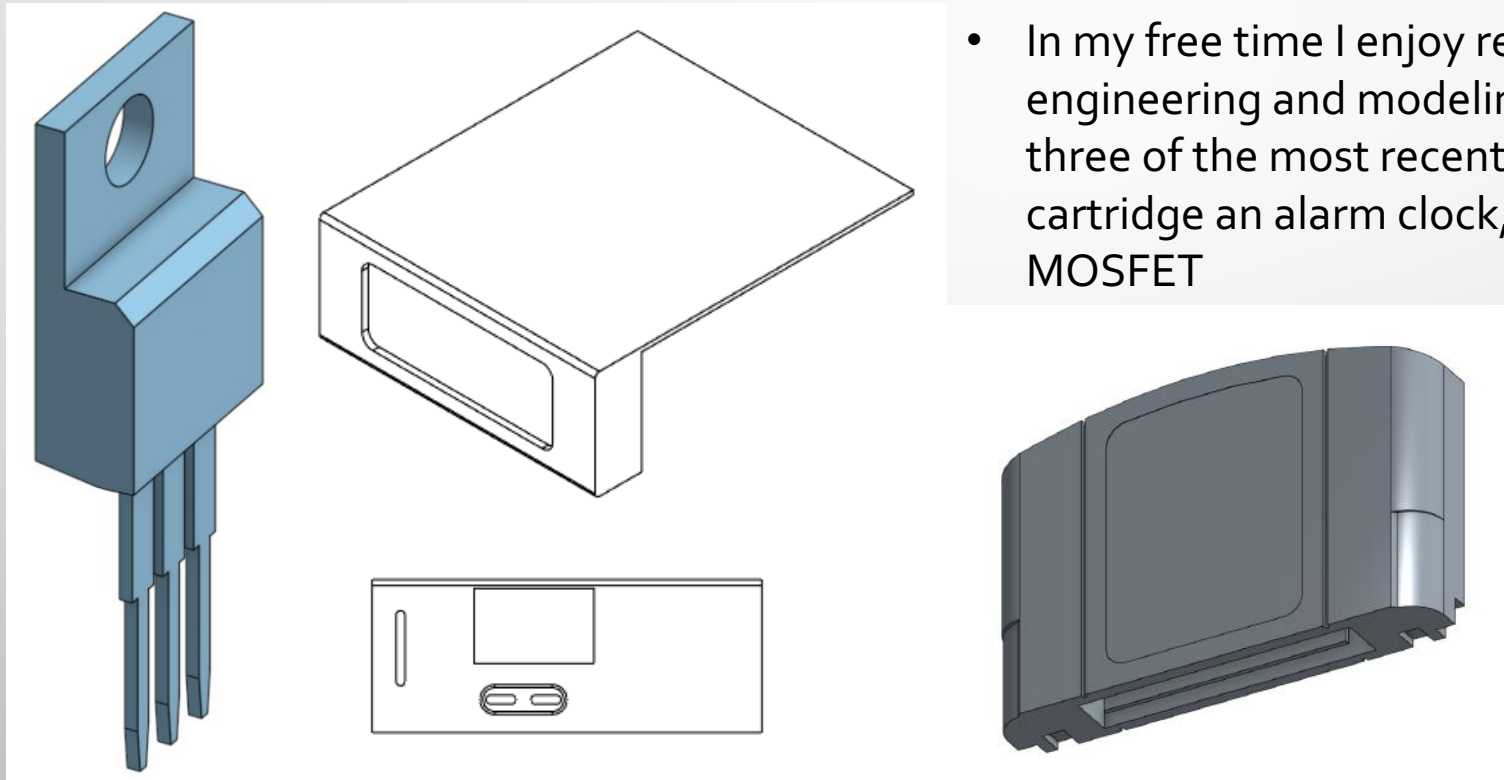
- In my free time I enjoy reverse engineering and modeling objects, three of the most recent being a game cartridge an alarm clock, and a simple MOSFET

Professional References

Adam Lichter - Owner and Boss	Cullen Fravel(Manager)
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Software Experience/Certifications

- AutoCAD

- Autodesk Inventor

- Advanced experience with Onshape

- Advanced experience with Cura and Simplify3D