



Team Lithium Lumberjacks

Team Inventory

September 24, 2021

Project Sponsor: John Lehman, MSEE

Project Faculty Mentors: Robert Severinghaus, Ph. D and Mahsa Keshavarz, MSEE

Team members: Hunter Browning, Sean Conlin, Darby DeGan, Hamad Aldossary

Overview: The purpose of this document is to briefly introduce the members of our team.

Sean Conlin

Major: Electrical Engineering

Skills:

- PCB Design
- Soldering
- CAD (Solidworks)
- Semiconductor Design
- Verilog/SystemVerilog HDL
- Professional Writing
- Arduino
- CNC Machines

Interests:

- Power Generation
- Electric Drives
- Semiconductor Design



Darby DeGan

Major: Electrical Engineering

Skills:

- Soldering
- Professional Writing
- Coding(Python, HTML, CSS, JAVA, C)
- Web development
- Verilog/SystemVerilog HDL
- MSP430
- Arduino

Interest:

- Wireless Networks and Communication Systems
- Software



Hunter Browning

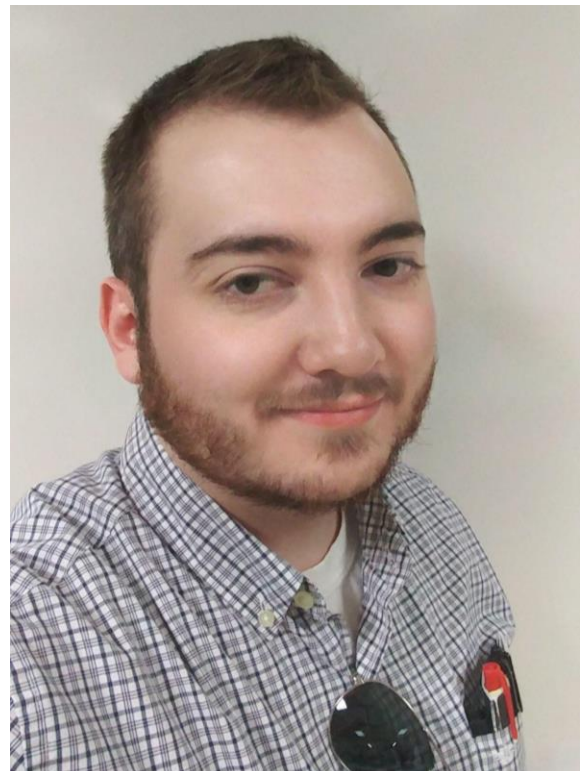
Major: Computer Hardware Engineering

Skills:

- 3D Printing, SolidWorks, ANSYS, 3D modeling/mechanical simulation
- CNC machines
- PCB design (EDA/DFM/KiCAD/Altium)
- machine learning (SKL/TensorFlow)
- website, app, UX/UI dev
- machining (steel, brass, aluminum), welding, soldering
- common assembly's (TI, MIPS)
- electronics testing and repair
- programming (assembly, C, Python, MATLAB)
- Project Team Management
- Raspberry Pi

Interests:

- Materials R&D
- Pure math



Hamad Aldossary

Major: Computer Hardware Engineering

Skills:

- Coding (Java, C)
- Professional Writing
- Arduino
- Website Design

Interests:

- Cyber security

