

First Name Last Name

City, State Zip Code

First.Name@school.edu | www.linkedin.com/in/First-Name/

Phone Number

EDUCATION

Bachelor of Science, Mechanical Engineering Minor: Computer Science

Month, 2022

University

City, State

Relevant Coursework: Thermodynamics, Heat transfer, Fluid Mechanics, Mechanics of Materials, Dynamics, Computing with C++, Intro to Circuit Analysis, General Physics, Optical Physics, Modern Physics

WORK EXPERIENCE

Mechanical Engineering Intern

Jul 2020-Current

Company Name

City, State

- Design and produce parts, drawings, exploded views and BOM in Autodesk Fusion 360
- Operate and Maintain 3D Printer to fabricate designed parts
- Programmed with Python on Raspberry Pi in order to control optical devices
- Take Initiative in assisting Mechanical Engineer lead with mechanical design in Fusion 360

Mechanical Engineering Intern

Feb 2020-Jul 2020

Company Name

City, State

- Collaborate with cross functional team of 18 engineers to design and develop Aeronautic parts
- Operate Mill, Lathe, and CNC machining mainly wood and carbon fiber to fabricate Aeronautic parts
- Report weekly to founders and engineers on tasks completed each week during stand-up meetings
- Design trailer extension parts to comply with street legal regulations, and cut potential spending by 400%
- Monitor budget to ensure staying within limit and to complete tasks in an efficient and timely manner

Test Engineering Intern

Jan 2020-Jun 2020

Company Name

City, State

- Perform basic RF Compliance testing for LTE, WCDMA, GSM, WLAN (WiFi 2.4 & 5 GHz)
- Operate EMC 3M test chambers, CMW base station, and RF spectrum analyzers
- Compile test results with Word, Excel and Acrobat
- Communicate and collaborate with coworkers in a technical and professional manner
- Innovate methods to increase testing productivity by 200% with Macros and Python

PROJECT EXPERIENCE

Cake Cutter, University

Sept 2019-Dec 2019

- Designed mechanism using a Servo motor in control of a blade and spinning platform in a Cake Cutter
- Assembled Cake Cutter consisting of 3D printed parts, and parts ordered online
- Drafted parts, drawings, and exploded view of fabricated parts in Solidworks
- Organized group meetings and laid out objectives of the tasks to complete for each meeting
- Motivate fellow group members to remain focused for extended periods of time nearing deadline
- Awarded a 92%, the highest grade for the junior design project

SKILLS

- Excellent computer literacy and ability to adapt to new software
- Proficient with CAD Software: Autodesk Fusion 360, Inventor and Solidworks
- Proficient with Microsoft Office
- Ability to work autonomously, and eagerly over long periods of time
- Strong organization and time management skills, creating effective workflows and handling deadlines
- Proficient in technical writing such as lab reports, research papers, presentations, and memorandum
- Excellent communication and interpersonal skills
- Thinks critically to solve problems and make decisions
- Programming Languages: C++, Python, and MATLAB & Simulink
- Proficient with Geometric Dimensioning & Tolerancing Techniques