Joshua R. Koch

jrk5697@psu.edu linkedin.com/in/joshuakoch5697 (412) 498-6664

Permanent Address 2578 Siesta Dr. Pittsburgh, PA 15241

OBJECTIVE:

My full-time job offer, which I secured in November of 2019, was rescinded in April 2020 due to COVID-19. Now, I am actively searching for an employment opportunity where I can begin my career as a mechanical engineer.

EDUCATION:

Bachelor of Science in Mechanical Engineering

The Pennsylvania State University, University Park, PA

Graduation Date: May 8, 2020

Dean's List Honors: Spring 2020, Fall 2019, Spring 2019 & Fall 2017

Relevant Courses

Physics: Quantum Mechanics, E&M Thermodynamics
Product Design & Manufacturing Material Science
Circuit Design & Analysis Mechatronics
EDSGN Analysis CAD Fluid Mechanics

SKILLS:

In Order of Proficiency:

SolidWorks, FEA, CFD, CATIA, AutoCAD, MATLAB, Creo, SAP, GD&T

WORK

EXPERIENCE:

Manufacturing Engineering Intern

May 2019 – Aug. 2019

GPA: 3.4/4.0

Bayer Pharmaceuticals, Indianola, PA

- Designed & implemented mechanical upgrades to automated packaging machines
- Completed verification & validation of automated HFFS equipment
- Researched & tested improvements to package testing protocol

Design Technician Intern

May 2018 – Aug. 2018

People's Natural Gas, Pittsburgh, PA

- Received applications for gas service from commercial and residential customers
- Designed pipeline extensions to deliver gas to applicants
- Created AutoCAD drawings and SAP estimates for each project

Assistant Pro Shop Manager

Apr. 2014-Aug. 2017

Lindenwood Golf Club, Canonsburg, PA

- Greeted customers and provided service in finding tee times
- Organized pro shop and operated cash register
- Managed other employees

Vice President

Nov. 2017-Nov. 2018

Theta Chi Fraternity, State College, PA

- Responsible for risk management and managing internal affairs
- Act as a superior to all elected chair positions
- Asist the president with external affairs

LEADERSHIP & INVOLVEMENT:

Vice President, Theta Chi Fraternity, Omega Chapter (2017-18)

Member, Unmanned Aerial Systems Club (2019)

Secretary, Theta Chi Fraternity, Omega Chapter (2016-17)