

# Dustin Gurley

## Education

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### **Bachelors of Science, Mechanical Engineering**

Aug. 2017 to May 2021

*Rose-Hulman Institute of Technology* | Terre Haute, IN | Current GPA: 3.51/4.0

**Related Courses:** Electrical Systems, Analysis & Design of Engineering Systems, Heat Transfer, Technical Communications, Design for Manufacturing, Machine Component Design

### **Study Abroad, Mechanical Engineering**

March 2019 to Aug. 2019

*Hochschule Esslingen University of Applied Science* | Esslingen, Germany

**Related Courses:** Geometrical Dimensioning and Tolerancing

## Skills

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- Designing parts, assemblies, and drawings in SolidWorks
- Programming macros for data analysis in Excel VBA
- Creating and solving mathematical models in MATLAB
- Performing FEA on system components in ANSYS
- Prototyping components using lathes, manual and CNC mills, welders, and 3D printers

## Internship Experience

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### **Peerless of America II, Inc.** | Effingham, IL

June 2018 to Aug. 2018

Engineering Intern

- Assembled, wired, and programmed a tubing bender to allow for 40% more accurate bends and at least 30 seconds and up to 10 minutes faster per tubing assembly
- Wrote macros in VBA to aid in data analysis of sales and scrap material tracking
- Evaluated robotic equipment for capability and performance
- Assessed production processes and created work instructions

### **Imagine This! Marketing Group, Inc.** | Effingham, IL

June 2016 to Aug. 2016

Web Developer Intern

- Identified and eliminated website issues to improve user experience
- Transitioned website and email hosting for over 30 customers

## Work History

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### **Top World Designs** | Effingham, IL

Aug. 2015 to Dec. 2017

**CEO and Web Developer**

- Conceptualized, planned, executed, and maintained original website designs for more than 18 clients using HTML, CSS, and WordPress.
- Provided excellent customer service and worked closely with clients to accomplish their goals

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