

# Landon W. Getting

322 Sunflower Drive, Ames, IA, 50014 • 515-269-8080 • landongetting@gmail.com • [LinkedIn](#)

## Education

### Master of Science in Industrial Engineering

GPA: 3.95

Iowa State University

Expected August 2023

### Bachelor of Science in Industrial Engineering

GPA: 3.98 – Summa Cum Laude & Honors Program

Iowa State University

Graduated May 2022

## Industry Experience

### Tesla

Process Engineering Intern

Austin, TX

May 2022 – Aug 2022

- Reduced inventory saving \$3.7M by identifying obsolete material via SQL & organizing disposition
- Launched new team by designing processes & onboarding personnel to execute material changes
- Created dashboards to identify production risks, monitor inventory health, & report KPIs to leadership

### John Deere

Quality Engineering Intern

Springfield, MO

May 2021 – Aug 2021

- Produced Power BI reports to identify top quality issues which improved production & saved \$331K/yr
- Automated process to prepare & visualize data reducing time to identify kaizen opportunities by 97%
- Programmed Excel app using Visual Basic for Applications to capture and document root cause analysis

### Boeing

Industrial Engineering Intern

Everett, WA

May 2020 – Aug 2020

- Established standard processes that reduced the preparation time for production assessments by 75%
- Developed Excel tools for supplier interactions used globally by 45+ engineers & 190+ supplier reps
- Facilitated value stream mapping workshop for satellite production which reduced lead time by 29%

## University Experience

### Rapid Manufacturing & Prototyping Laboratory

Graduate Research Assistant – Dr. Frank Peters

Iowa State University

Aug 2021 – Present

Developed machine vision C++ program identifying shapes on castings to facilitate flexible automation of grinding

### Expander Americas Inc.

Senior Design Project

Dewitt, IA

Jan 2022 – May 2022

Designed factory expansion with 3 yr NPV of \$11.4M by reducing material travel 48% & handling 16%

### Simio – 4<sup>th</sup> out of 505 teams

Student Simulation Competition

International

Dec 2021

Created simulation of medical clinic by mining historical data & optimizing throughput, quality, & cost

### Industrial & Manufacturing Systems Engineering Department

Undergraduate Teaching Assistant – Solidification Processes

Iowa State University

Jan 2021 – May 2021

Instructed 50+ students in theory & applications of casting methods, welding methods, GD&T, & CMMs

### Danfoss

Junior Design Project – Quality Assurance

Ames, IA

Aug 2020 – Dec 2020

Conducted statistical analysis on process parameters which saved \$75K/yr & reduced cycle time by 25%

## Leadership

President • Alpha Pi Mu – Industrial Engineering Honor Society

Aug 2021 – May 2022

Cofounder & Vice President • Rapid Manufacturing Club

Aug 2020 – May 2022

## Skills

Languages: R, Python, SQL, C++, VBA, Bash

Other: PowerBI, RShiny, Tableau, Simio, SolidWorks, AutoCAD