

Colin J. Christoph

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Summary

- Dedicated professional looking to get back into engineering after developing my business and communication skills at Rocket Mortgage. I am truly a jack of all trades and can fill any role. I have a great understanding of a wide field of disciplines making me someone that can complete just about any task you ask of me. I can learn anything in a very short amount of time and love a challenge. I think that my skills, knowledge, and hard work would be a great asset to your business as an engineer and a team member.

Highlights

- Process improvement and troubleshooting
- Customer and quality-focused
- Strong desire to succeed
- 3D printing and modeling
- CNC machining
- Mathematically inclined
- Complex problem solver
- Critical thinker
- Design for manufacturing
- Software Development
- GD&T

Relative Experience

1. Production/Manufacturing Engineer

- a. *Swiss Precision Machining* | September 2018-November 2020 | Wheeling, IL
 - i. Quoted, manufactured, programmed and setup 100's of different parts for the medical industry
 - ii. Led the 3D printing design team and was the best engineering resource for Solidworks and ESPRIT
 - iii. Provided engineering expertise and training to machine operators to help them create more quality parts without high scrap counts
 - iv. Lead a kaizen event that saved the company time and money
 - v. Worked with many different materials including Titanium, Aluminum, Stainless, and Plastics

2. Technical Marketing Engineer

- a. *Wieland Thermal Solutions* | June 2018 - September 2018 | Wheeling, IL
 - i. Provided technical expertise to customers looking to design a new product
 - ii. Helped customers with issues relating to the products they received
 - iii. Created engineering drawings for new customer products
 - iv. Performed root cause analysis to determine quality issues occurring on the manufacturing line

3. President's Club Mortgage Closing Specialist

- a. *Quicken Loans* | November 2020- May 2022 | Phoenix, AZ (HYBRID)
 - i. Worked with mortgage bankers, clients, and title officers to successfully close loans. Including scheduling, balancing, and coordination.
 - ii. A great experience that helped develop my communication, business, and sales skills
 - iii. Constantly received achieves/exceeds expectations in monthly review and was promoted twice for excellent communication skills and being a subject matter expert to our team.

Education

Bachelor's in Mechanical Engineering

Iowa State University | August 2014 - August 2018

3.66 GPA | Magna Cum Laude

Coding Boot Camp

Michigan State University

January 2022-July 2022

Technical Skills

AutoCAD, Solidworks, MATLAB, FEA, CFD, Microsoft Office Suite, Google Applications, SAP (ERP Software), Labview, Keyence and Vertex CMM measuring, ESPRIT, Onshape, DOS platforms, Arduino Coding, Javascript, CSS, HTML

Leadership Experience

Vice President of Operations | Sigma Pi Fraternity

Ames, Iowa | January 2016 - December 2016

- Elected by chapter members to organize chapter meetings, accurately record chapter minutes and membership records of more than 100 members