

# JARED CHRISTIANSEN

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Philadelphia, PA

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## EXPERIENCE

### MAGGIO AND SONS Phoenix, AZ

Associate Mechanical Engineer. 07/2020 – present

- Basic working knowledge of CAD and MS Office
- Some work related experience in the aerospace industry
- Programming knowledge in VBA (MS Access and Excel) is helpful
- Be majoring in or having majored in an Aerospace Engineering, Mechanical Engineering or related field
- Refinery/Petrochemical process plant engineering experience providing technical support for piping, fixed or rotating equipment
- Vacuum system and components
- Cooling system and components
- Radio Frequency (RF) component
- High Voltage design and component

### STANTON, ONDRICKA AND HELLER Phoenix, AZ

Associate Mechanical Engineer. 02/2017 – 01/2020

- Tolerance stacking
- Troubleshooting of mechanical and electrical components
- Basic knowledge of mechanical systems and mechanical component design including sheet metal, machining, heatsink, injection molded plastic and die casting
- Familiar with ASME drafting standard Y14.5 for dimensioning and tolerancing GD&T in engineering drawings and related documents
- Basic understanding of electrical power devices such as IGBTs, power supplies, bus structures and power capacitors
- Familiarity with thermal system analysis

## EDUCATION

### COLUMBUS COLLEGE OF ART AND DESIGN Bachelor's in Mechanical Engineering

## SKILLS

- Manufacturing feasibility study
- Knowledge on Electrical Cable and Wiring Harness Routing
- Experience working with design and manufacturing partners outside the organization
- Experience with plastic injection molding, blow molding, forming, extrusion and sub assembly processes and print technologies
- Familiarity with flexible film properties and elastomer materials
- Experience with predictive development methods and tools, such as DOEs, FEA Simulation, and CAD solid modeling as well as hands-on practical prototyping problem solving techniques