

# Craig Meers

## Mechanical Engineer

### Contact

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314 - 448 - 6644 | meerscraig@gmail.com | St. Louis, MO

Relocating to Boulder, CO in Spring 2019

### Skills

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Solidworks, Pro E, Autocad, 3D Printing, Finite Element Analysis (Solidworks Simulation, Abacus), Project Management, Research and Development, GD&T, Knowledgeable of Machining and Fabrication Process

### Experience

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#### **Tri-State Equipment Company** | Mechanical Engineer

JANUARY 2017 - PRESENT, BRIDGETON, MO

Design custom industrial tooling using Solidworks, Autocad, and 3D Printing technology.

Collaborate with assemblers, machinists, and welders to ensure design feasibility and cost-effectiveness.

Create bill of materials and fabrication drawings using Solidworks and Autocad for in house machining, welding, and assembly.

Source custom components and material from vendors and suppliers for jib cranes, manipulator arms, and under-the-hook tooling to meet ASME BTH-1-2017.

#### **Harley-Davidson Motor Company** | Project Engineer

JANUARY 2014 - JUNE 2015, KANSAS CITY, MO (Contracted through Blankenheim Services)

Implemented creative and cost-effective solutions to ergonomic and engineering issues in the production and assembly process.

Designed new tools, fixtures, and equipment to improve the manufacturing operation.

Supported all areas of the plant with ISO 9001 compliance and continuous improvement.

Assisted new products department with product design and integration.

#### **Blankenheim Services** | Ergonomic Specialist

JUNE 2013 - JANUARY 2014, APPLETON, WI

Consulted clients on engineering solutions to reduce or eliminate ergonomic risks, taking into consideration production, cost, and human factor requirements in final products.

Coordinated with fabricators, suppliers, and clients to create and implement design solutions.

Managed capital projects throughout the entire project cycle from initial customer contact to final product delivery.

### Education

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#### **University of Missouri - Kansas City** | Master of Science in Mechanical Engineering

AUGUST 2011 - DECEMBER 2014, Kansas City, MO

#### **University of Missouri - Columbia** | Bachelor of Science in Biological Engineering

AUGUST 2006 - DECEMBER 2010, Columbia, MO