

# Casey Cotter

Engineer

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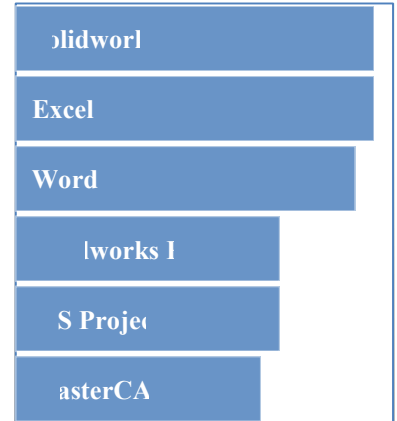
406-871-2665

## Experience

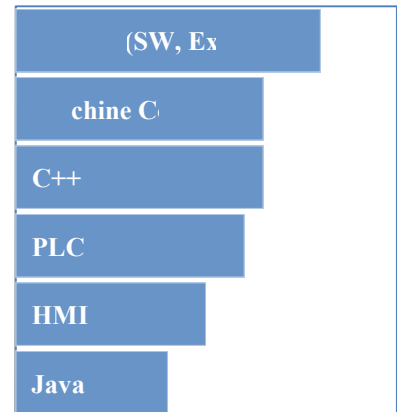
- ⌚ **Director of Engineering** **American Truck Wash**  
*September 2016 to March 2018*
  - Engineered and built automated interior and exterior truck wash systems that ranged from washing public transportation vehicles to bus painting.
  - Supervised multiple engineers and oversaw all fabrication and assembly.
  - Designed the control systems for various wash systems.
- ⌚ **Production Manager** **Burgi Corporation**  
*August 2013 to March 2016*
  - Designed and fabricated high speed electric motors and gear boxes.
  - Utilized machining and manufacturing skills including welding, sheet metal, custom tooling, castings, plasmas, laser, water jets, manual and CNC mills and lathes.
  - Applied advanced machining techniques to hold tolerances of 0.0002".
  - Managed product lifecycle from initial scheduling and design through manufacturing, assembly, and shipping.
  - All CNC coding was done manually or with MasterCAM in Solidworks.
  - Supervised multiple departments including engineering, quality control, and manufacturing.
- ⌚ **Director of Engineering and R&D** **Torklift International**  
*September 2009 to August 2013*
  - Managed prototyping, integration of new products into manufacturing, and related troubleshooting.
  - Contributed to development of innovative cost effective strategies for manufacturing and fabrication.
  - Utilized a variety of manufacturing techniques and materials such as: injection molding, polyurethane castings, plasma table, and welding.
  - Supervised engineers and technicians during all stages of product development and manufacturing.
  - Used Solidworks modeling software for initial designing, prototyping, engineering drawings, and FEA.
- ⌚ **Engineer** **Veolia ES**  
*June 2007 to March 2009*
  - Assisted on designs of hyperbaric chambers.
  - Worked on designs for Remote Operated Vehicle manifold.
- ⌚ **Montana Tech of the University of Montana**  
*August 2002 to May 2007*
  - Bachelor's Degree in Mechanical Engineering
  - Bachelor's Degree in Electrical Engineering
  - Minors in Computer Science, Math, and Physics

## Skills

### Software



### Programming



### Operating

