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# OSCAR F. REYES III

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## PERSONAL SUMMARY

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A Colorado-native with experience and passion for manufacturing. Is a mechanical engineer certified with a Six Sigma Green Belt. Excellent in process design and analytics; specialty in high precision aerospace and pharmaceutical areas. Thrives in team environments, with ability to lead, manage and champion projects of all scopes. Experience with CNC machining, CNC programming, manual machining, FDM and other 3D printing manufacturing. Exceptional identifying areas of improvement, new process implementation, and manufacturing analytics.

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## EDUCATION

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### University of Denver (2016)

Daniel Felix Ritchie School of Engineering  
B.S Mechanical Engineering

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## EXPERIENCE

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### Industrial Engineer at Trelleborg Sealing Solutions

Nov 2016 - Present

#### Accomplishments

- Evaluated usage, cost, and inventory turn of raw metals and reduced overall cost and increased machining efficiency of high volume metal products by decreasing inventory costs by 40%
- Developed and implemented CAPA for pharmaceutical and medical products following ISO 9001
- Created a variable sized chucks for CNC lathes that reduced set up time by 30% and increased precision by 10%
- Created a sustainable system for high volume packaging products saving over \$30K per year in packaging cost

#### Responsibilities

- Analyzed processes to define material usage, direct labor costs, and production time to accurately cost products which saved over \$40K/year by accurately defining production costs
  - Analyzed processes to define material usage, direct labor costs, and production time to accurately cost products which saved over \$40K by accurately defining production costs
  - Evaluated material usage in high volume production to create low purchasing cost, reduced part cycle times, and balanced inventory
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### Process Engineer Intern at Trelleborg Sealing Solutions

May 2015 – Aug 2015

#### Accomplishments

- Analyzed press fit effects on support rings in aims to reduce variation and increase accuracy on high tolerance products which saved \$34K a year on production
- Created, implemented, and controlled SWI/SOP for material preparation to increase production and precision

#### Responsibilities

- Conducted experiments using the DMAIC processes, developed statistical and mechanical analysis, defined process development for current products and new product lines
  - Isolated and quantified variables of high volume production to reduce and solve efficiency issues
  - Designed and created specialty tooling to aid efficient and accurate production
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### Metal Fabricator Intern at Zed International, Inc.

May 2014 – Oct 2014

#### Accomplishments

- Designed, fabricated, and installed hand rails at four University of Denver locations and two Denver Botanical garden locations
- Lead fabricator, welder, and project manager utilizing MIG and TIG welders

#### Responsibilities

- Fabricated custom hand rails, following Colorado State Building codes and OSHA regulations, and metal décor for high end local business
  - Finalized all installations ensuring quality of welds, paint, and installation
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## HOBBIES

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I enjoy coming home and relaxing by playing my guitars, 3D printing various objects for myself and my family, as well as take my dog out for long walks. In addition, cooking has become a great way to help take my mind off of the loudness that comes with the extremely busy days at work. Finally, I go to CrossFit and participate in soccer in order to keep up my work-life balance.