

Ross Reynolds, PE

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Mechanical Engineer

- **Licensed Professional Engineer (PE)** offering strong product-development experience within manufacturing settings and current studies toward an ME degree.
- **Proven ability to create cost-effective, cutting-edge designs** that meet project and product specifications.
- **Expert user of CAD programs** and skilled producer of mechanical engineering documentation and drawings.

PROFESSIONAL EXPERIENCE

Mechanical Engineer -- ABC Company, 3/10 to Present

Design, develop, validate and test mechanical components for a leading manufacturer of off-road machinery parts.

- Assisted in all phases of the product-development lifecycle, from conceptualizing new product ideas through sketching, creating models, developing engineering designs, prototyping, testing, supporting production and rolling out new and improved products.
- Served on team that introduced new or enhanced existing products in the following categories: torque convertors, cylinder heads, exhaust elbows, turbochargers, turbo couplings and muffler stacks.
- Conducted modeling, simulation and analysis of structural components using CAD techniques, PTC Creo Elements/Pro and Abaqus FEA Suite.

Junior Mechanical Engineer -- DEF Company, 3/08 to 3/10

Provided mechanical engineering support to the product-development team for one of the country's fastest-growing underwater LED lighting manufacturers.

- Contributed to the release of LED anchor-masthead and LED underwater lighting products.

COMPUTER SKILLS

AutoCAD, SolidWorks, PTC Creo Elements/Pro, Abaqus FEA, MS Project, MATLAB, TrackWise, Minitab, MS Office

EDUCATION

ABC College, Sometown, PA

Completing Master of Engineering (ME) degree (*one semester left*)

DEF College, Sometown, PA

BS in Mechanical Engineering (BSME), 5/08

- Pi Tau Sigma, Mechanical Engineering Honor Society

Licensure: Professional Engineer (PE), 4/11 • Engineer In Training (EIT), 4/09

AFFILIATIONS
