**Wayne Rooney, PE**

15 Main St., Sometown, PA 18011 | Cell: 555-555-5555 | Email: rr@somedomain.com

Mechanical Engineer

PE-licensed mechanical engineer offering four years of 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

* Recruited to design, develop, validate and test mechanical components for a leading manufacturer of off-road machinery parts. 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.
* Conduct modeling, simulation and analysis of structural components using CAD techniques, 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 successful release of two LED anchor-masthead and three LED underwater lighting products.

**COMPUTER SKILLS**

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

**EDUCATION**

University of Cambridge – Cambridge, United Kingdom  
Completing Master of Engineering (ME) degree, expected 5/13

Arizona State University - Tempe, Arizona  
BS in Mechanical Engineering (BSME), 5/08

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

**AFFILIATIONS**

American Society of Mechanical Engineers (ASME) | Institute of Industrial Engineers (IIE)