

Bill Ringle

Engineering Manager

3546 Sassafra St.
Erie, PA 16508
T 814-315-6237
elgnir@yahoo.com

Profile

Engineering Manager with experience in manufacturing and high tech government defense contracts. Adept at resolving complex technical problems requiring ingenuity and creativity. Hands-on knowledge of engineering from design to manufacturing.

Experience

Engineering Manager, MPE Machine Tool: Corry, PA -- 02/2014 - Present

Responsible for managing company projects and resources of a small machine tool services company. Oversee all operations of mechanical technicians, machinists, riggers and general laborers within the shop and in the field. Responsible for insuring the timely completion of all project and service work. Manage the resources of the company effectively by scheduling field service technicians in response to customer needs and the technical requirements of the service. Draft cost estimates for the rebuilding of machine tools by analyzing labor and material requirements per the particular needs of the customer and the condition of the machine tool. Select and source materials, components and services to repair and rebuild machine tools. Design and integrate mechanical components used in the repair and rebuilding of machine tools.

Project Lead, Base2 Engineering, LLC; Columbia, MD -- 12/2009 - 02/2014

Evaluated electronic package designs, identified risks, mitigated issues and provided guidance to the customer to meet short schedules. Supervised electrical engineers, mechanical engineers, technicians and fabricators to deliver quality micro-electronic products on tight schedules. Fabricated complex parts with milling machines, silicone molds, vacuum casting equipment and micro soldering equipment. Employed design and thermal analysis using computational fluid dynamics software to meet customer mission requirements. Provided guidance to junior engineers and evaluates their performance for annual reviews.

Mechanical Engineer, Northrop Grumman; Annapolis, MD -- 02/2007 - 12/2009

Designed and developed electronic packaging using SolidWorks design and computational fluid dynamics software. Applied research to the planning, design, development, and testing of electronic packaging for design verification. Collaborated with molding and manufacturing companies to produce reverse engineered parts to meet customer specifications.

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Mechanical Engineer, Raytheon; Falls Church, VA -- 06/2005 - 02/2007

Performed field testing of government equipment and simulated operational scenarios at government site to improve equipment performance for future deployments. Applied MIL-STD 810 environmental test methods using load cells, particulate meters and environmental test chambers. Surveyed government test sites and created 3D models from collected data.

Mechanical Engineer Intern, National Air and Space Intelligence Center, Dayton, OH -- 12/2002 - 08-2004

Produced assessment reports of current and projected foreign air force weapon systems in support of senior intelligence analysts. Researched current and emerging technologies of foreign air force threat systems to determine future capabilities.

Education

Wright State University, B.S. Mechanical Engineering, Dayton OH, 2004

Wright State University, Certificate in Research and Intelligence Analysis, Dayton OH, 2004

Certifications & Skills

Lean 6 Sigma; Proficient in the use of SolidWorks Design and Computational Fluid Dynamics; Microsoft Office, Microsoft Project; Mac, Linux and Windows Operating Systems