



VITA/Toby Thompson, MSLE



Vice President – Sales and Marketing

Mr. Toby Thompson brings a variety of practical strengths to the Ryan Engineering team. He has worked in engineering, architectural design, construction and management for over 20 years. He combines practical design work and engineering while also representing and promoting Ryan Engineering to current and potential clients.

Expertise

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| <ul style="list-style-type: none"> ○ Building Construction ○ Architectural Design ○ Structural Design ○ Carpentry | <ul style="list-style-type: none"> ○ Structural Inspections ○ Animation / 3D Modeling ○ Machine Design ○ Leadership & Ethics |
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Education

M.S. Leadership and Ethics , <i>John Brown University, Siloam Springs, AR</i>	2005
B.S. Building Construction/Design (Minor Engineering), <i>John Brown University, Siloam Springs, AR</i>	1988
Three Year Degree, Evangelical Teacher Training Certificate , <i>Emmaus Bible College, Dubuque, IA</i>	1982

Professional Experience

Vice President – Sales and Marketing, Ryan Engineering, Inc. **2003 - Present**
Develop new client base and maintain existing client base for sales and marketing of engineering services. Provide practical design assistance for structural and forensic engineering projects.

Vice President – Digital Media Services, Ryan Engineering, Inc. **2000 - 2003**
Provide forensic engineering, design, testing and research. Develop mechanical equipment engineering, design and fabrication. Evaluate structural design of equipment and building structures. Produce 2D-3D CAD and animation services. Provide project management and administration. Provide training to local industries.

Project Design, W.L. Winkle Engineering **1997-2000**
Provided engineering and design, as well as complete CAD drawings for mechanical equipment and structural design elements. Primary engineering was mechanical and structural dealing with process equipment and their surrounding structures. Also provides cost estimating, scheduling, expediting and management of projects.

Operations Manager, Camp Li-Lo-Li **1991-1997**
Managed the physical plant and day-to-day operations of a Christian Campground facility. Provided design, management and construction services for all new capital improvement projects. Responsible for maintaining approximately 40 buildings on 400 acres including vehicles and equipment. Administrative duties included: Purchasing of equipment, tools, machinery and vehicles; Record keeping and budgetary responsibilities utilizing computer skills; Maintenance of all permits and licenses; Liaison with all health, state and regulatory agencies; Responsible for management of other employees and volunteers, as well as preparation and oversight of all workdays.

Structural Designer, Creative Building Solutions **1988 - 1991**
Designed and engineered structural elements for architectural firm including structural calculations and design (Concrete, Steel, Wood, Masonry), development of computer programs for structural design, and the preparation of drawings and details utilizing CAD.

Contractor, Thompson Construction **1983 - 1988**
Designed, estimated, supervised and worked remodeling jobs, small additions, cabinetry

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Professional Development

- 3D Studio Max
- Forensic Photography
- Manufacturing Methods and Engineering for the Vertical Mill
- Lessons in Professional Liability, DPIC Companies
- Weldment Design and Optimization for the Wire-Feed Welder
- Forklift Operations
- Creating High Performance
- Working with Emotional Intelligence

Courses / Seminars Taught

- AutoCAD Basics
- Improving Communication to the Jury with Digital Media
- Communicating with Digital Media
- The Attorney/Expert Relationship
- Structural Inspections

Professional Achievements

- Who's Who Among Students in American Universities and Colleges
- 4.0 GPA MSLE

Computer Experience

- AutoCAD
- AutoCAD LT
- 3D Studio Max
- Inventor
- MathCad
- Staad
- Adobe Premiere
- Power Point
- Photo Editors
- Adobe Photoshop Elements
- Adobe Illustrator
- ACT!
- Microsoft Office products