
PROFILE

Having 17 years of experience in the construction industry with duties ranging from hands-on roles, to management capacities, and to research and instruction, my main focus is in lean construction. I am currently teaching Construction Management at Utah Valley University where I am developing a Master's program. My professional skills include operations management and lean construction, drawing on experience from a Fortune 500 construction firm, personal company ownership, industry consulting, as well as research and teaching in higher education.

EXPERIENCE

Utah Valley University, Orem, UT 2009 - Present
Instructor of Construction Management

- Completed curriculum development and instruction for five new construction management courses including a project management course emphasizing lean construction.
- Developing a Master's degree with emphases in lean construction, real estate, BIM, and Sustainability.
- Currently assisting local construction firms with lean operations through trainings, consulting, and simulations.
- Active student advisor/mentor for multiple student competitions (AGC NAHB, and local competitions).
- PhD Candidate at Utah State University with an emphasis in lean construction as a dissertation topic.

Centex Homes, Phoenix, AZ & Reno, NV 2001 - 06, 07 - 08
Purchasing Manager, Vendor Consultant, Estimator, Field Manager

- Directed purchasing to capture 13% reductions through lean construction principles and corporate culture change.
- Executed national lean construction pilot program; increased schedule reliability and efficiency 20%, minimized redundant responsibilities, and reduced business costs through centralized, systematic practices and products.
- Achieved full-potential economics for subcontractors; identified and eliminated unnecessary costs from their businesses by means of process mapping, consulting, teaching, and tracking metric data (FPY & schedule adherence).
- Consulted and coached subcontractors to methodically implement lean business practices; improved labor utilization and efficiencies, reduced overhead/SG&A costs, and improved supply chain management.
- Estimated, bid, and managed construction of a residence for Habitat for Humanity using ICF construction methods. Donated time and procured volunteers to assist with the project.

ClereStory, Inc, Boise, ID 2006 - 2008
Owner, General Contractor, Consultant, Real Estate Agent

- Designed and constructed several semi-custom floor plans and elevations for communities in Nampa, ID.
- Responsible for company analysis, profitability, corporate resolutions, taxes, products, accounting, etc.

EDUCATION

Utah State University 2011 - Present
Doctorate of Philosophy in Technology and Engineering Education

- Expected graduation: April 2015
- Dissertation - Paths to Lean Organizations in the Construction Industry

University of Nevada Reno 2002 - 2004
Masters of Business Administration

- Graduated with Honors: Beta Gamma Sigma

Brigham Young University 1993 - 94, 96 - 2000
Bachelors of Science in Construction Management

- Double minor in Business Management and Spanish
- Athletic Scholarship as defensive back for BYU football team - sophomore, junior and senior years.

INDUSTRY SKILLS & INTERESTS

Lean construction, estimating, purchasing, value engineering, sustainable building, vendor consulting, and student competitions.
