

# Richard Stalnak

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## Overview

Richard has 16 years' experience in the consulting engineering and design industry, with a main technical focus in HVAC and experience and design history in Fire Protection, Electrical and Plumbing. Richard has a BSME and graduated with a 3.6gpa from Old Dominion University in Norfolk, VA and has designed and overseen various types of facilities from conceptual stages to construction completion including government, industrial and commercial work, including but not limited to healthcare facilities, lab buildings, high-rise buildings, etc. Some of the past experience was composed of being in charge of a multi-disciplinary team of 5-6 people with duties of project management and team leadership working directly with clients and code officials to meet or exceed all requirements and provide a top notch design within the allotted budget. Other experience includes working directly with contractors on many design-build projects, and also completing full cost estimates to maintain the project within specific budgets and meet value engineering needs to help bring the project costs down. Computer skills include various design programs, creation of multiple calculation spreadsheets using Microsoft Excel, very strong knowledge of CAD and REVIT use. Richard has passed the FE exam, and is sitting for the PE exam in October 2016.

## Professional Profile

### Mechanical

- Full design of building mechanical systems, including some industrial process design
- Life cycle cost analysis
- Value engineering
- Sustainable building systems design
- Mechanical code review
  - International Building Code, and all other ICC codes
  - Uniform Mechanical Code
- Project management of various size projects for all MEP disciplines
- Multiple LEED projects

### Fire Protection

- Full design of building sprinkler and fire alarm systems
- Full building code analysis
  - Virginia Uniform Statewide Building Code
  - International Building Code, and all other ICC codes
  - All Current NFPA codes, including NFPA 101, Life Safety Code
  - United Facilities Criteria
- Building safety analysis and report
- Hazardous storage design
- Designed full system upgrades to existing buildings not meeting current codes

## Professional History

Clark Nexsen Architecture and Engineering, Norfolk VA	1999 – 2006
JP Harvey Engineering Solutions, Hampton VA	2006 - 2008
Redding Linden Burr Consulting Engineers, Houston TX	2008 – Dec. 2013
Jordan & Skala Engineers, Houston TX	May 2014 - Present

## Education

Old Dominion University, Norfolk, VA  
BS Mechanical Engineering  
Minor in Engineering Management  
Graduate Courses in Advanced Material Science

## Professional Organizations

**American Society of Mechanical Engineers (ASME)** – involvement included hosting Student Chapter intercollegiate conference during senior year and competed in design/build competition.

**Engineers Club of Hampton Roads (ECHR)** – Past board member multiple years.

**ASHRAE**

**US Green Building Council (USGBC)**

**Rice Design Alliance (RDA)**

**International Building Performance Simulation Association (IBPSA) Houston Chapter**  
– Assisted with creating Houston Chapter as first year Board Member.

## References

References are available on request.

See additional attached pages for examples of previous project experience.

## Project Experience Summary (list does not include full project experience)

- Federal Law Enforcement Training Center, Glynco, GA
- New Physics Building, VA Polytechnic Institute
- New Dorms, Elizabeth City State University
- New Beach Ford Showroom, Virginia Beach, VA
- Bayside Hospital HVAC Analysis, Virginia Beach, VA
- TCC Automotive Training Center, Chesapeake, VA
- Rise Building, Norfolk State University
- Student Commons Center, Virginia Commonwealth University
- George Mason University Dorm Renovations
- VMI Multiple Buildings Renovations
- VMI New Barracks
- Newport News Shipbuilding Office Renovations
- Norfolk Cruise Ship Terminal
- Virginia Beach Convention Center
- Norfolk Naval Base New BEQ
- Medical Training Facility HVAC Study, Aviano, Italy
- Maruchan New Equipment Line, Richmond, VA
- University of Virginia Gilmer Hall HVAC Upgrades
- Old Dominion University Multiple Buildings Fire Alarm Upgrades
- Joint Forces Command Center Child Care Sprinkler and Fire Alarm Renovations
- Government ECIP Projects:
  - Geothermal Heat Pumps in Multiple Buildings located at 3 major Naval Bases in Norfolk and Virginia Beach, VA
- Pope John XXIII High School Stadium, Katy, TX
- Star of Hope New Children's Building
- Texana Center–Multi Services Building – Houston, TX
- UTMB Galveston – PET/CT Rooms
- UTMB Galveston – Linear Accelerator
- BCM – Multiple Office Renovations
- UTMB Galveston – Radiation Oncology Dept. Reno.
- Doubletree Houston, Lobby, Lounge & RR
- Little Caesar's – Multiple Locations
- Houstonian Health Club OA Unit
- The Men's Center Residence Hall
- Children's Assessment Center
- FBI Dallas
- Spring Condos and Penthouse – Austin, TX
- Baylor Football Practice Facility – LEED – Houston
- Head Start – Houston, TX
- Regus – 3rd Floor – City Centre Building 12–Houston
- Thomas Classic Car Elevator Addition – Houston, TX
- Wortham Center Chiller Replacement – Houston, TX

- Rice University – 1st Floor ADA RR Upgrade
- Kurtz Family Education & Rec Center + LEED Cx – Houston, TX
- Baylor College of Medicine – Med Office Building Café – Houston, TX
- BCM Medical Office Building Office Suite – Floor 1 – Houston, TX
- Lubbock Christian University Fieldhouse – MEP – Lubbock, TX
- Liberty Library – Geraldine Humphries Community Ctr – Liberty, TX
- Julia Ideson Library Renovation, Houston, TX
- Four Corners Corridor and Lobby Upgrades – Houston, TX
- Chelsea Ice Plant – Houston, TX
- Villa Sport Club and Spa – The Woodlands, TX
- 1 Houston Center Chiller – Houston, TX
- Houston Employees’ Federal Credit Union – Houston, TX
- Grimes Residence – Houston, TX
- Dona Lupe Mexican Restaurant – Houston, TX
- Morton Road Car Wash
- 4 Houston Center – Level 15 Corridor – Houston, TX
- Energy Star 2008 – Esperson Buildings – Houston, TX
- Energy Star 2008 – 1100 Equity Dr. Building – Houston, TX
- Bleyzer Residence – Houston, TX
- Wells Fargo Plaza – Heat Exchangers – 34 & 35 Floors – Houston, TX
- Eagle Point Golf Course Pavilion – Houston, TX
- Lockton – Level 18 – San Felipe Plaza – Houston, TX
- Bayou on the Bend – 5201 Memorial Dr. – Houston, TX
- TDECU Navarro Street – Victoria, TX
- TDECU – Brazos Square – Lake Jackson, TX
- Pope John XXIII HS – Katy, TX
- Continental Center II – White Box Level 11 – Houston, TX
- Continental Center II – Deli Remodel – Houston, TX
- UTMB Galveston – Graves Building – Galveston, TX
- Rice Huff House Improvement – Rice University, Houston, TX
- UTMB Galveston – Child Care Center Renovations – Galveston, TX
- UTMB Mary Moody Bldg Renovation – Galveston, TX
- Cornerstone Hospital of Houston – Houston, TX
- Allen Center Chiller Replacement – Houston, TX
- Children’s Assessment Center New Addition – Houston, TX
- Methodist Willowbrook 7<sup>th</sup> floor Build-out – Houston, TX
- FBI Dallas Security Upgrades – Dallas, TX
- FBI McAllen Visitor Screening Facility – McAllen, TX
- DEA Building Chiller Replacement – Houston, TX
- College Station Student Housing – Houston, TX
- Village on Triangle Ave Retirement Home – Austin, TX