

HUGUES ANTOINE, P.E.

336.988-3828 • h.f.antoine@gmail.com

WWW.Linkedin.com/in/huguesantoine

SUMMARY

Customer focused professional Mechanical Engineer with solid understanding of critical engineering systems and operations and experienced in managing large volumes of projects, seeking and delivering maintenance infrastructure solutions, systems critical engineering resolutions, serviceability, and implementing and executing of on-site operations of large-scale mechanical system and designs. Acting as a single point of contact for the implementation of water, back up electrical generators, and building management and automation control systems efficiency optimization projects. Robust technical knowledge in the operation of facility environments' various heating and cooling systems. Coordinating multiple projects, while ensuring compliance with building codes, procedures and all applicable OSHA, state and local law and company policies.

EXPERIENCE

TECHNICAL PROJECT MANAGER (MTI) SE Region Siemens Real Estate, Charlotte, NC

2017 – 2019

- Supported over 4.7 million Sq.-Ft. throughout the Southeast to address building systems & space modifications.
- Evaluated various Business Unit needs ranging from Upgrading to Retrofitting existing offices & manufacturing facilities.
- Lead mission critical facilities and mechanical infrastructure maintenance projects according to threshold and completed projects according to customer requirements in line with sustainability, and safety guidebook.
- Ensured implementation of sustainability features as outlined in global standards & guidelines.

PROGRAM ADMINISTRATOR III – Energy / HVAC Guilford County Schools, Greensboro, NC

2013 – 2017

- Ensured that all utilities including electricity, natural gas, and water, were properly and efficiently utilized by facilities.
- Managed the 142 schools district's HVAC control and energy tracking computer system.
- Worked closely with HVAC Department and external vendors to track energy usage and environmental controls.
- Monitored and maintains proper air quality levels within all facilities.
- Determined air quality and health risk impacts of emissions caused by energy use and produced documentation of these activities to support compliance with Federal, State, and Local Environmental agencies.
- Managed the utility budget, developed and negotiated contracts and energy conservation initiatives.

Sr. ENERGY SERVICES PROGRAM MANAGER Johnson Controls, Inc. / GlaxoSmithkline, Durham, NC

2011 – 2012

- Achieved through direct reports the delivery of efficient water treatment, lighting, and alternative energy systems, and footprint reduction program across multiple sites.
- Reduced utility consumption over 20% a year, forecasted & tracked energy use/cost & carbon emission.
- Reconciled Utility billing and Energy Savings Project (EPC Model).
- Facilitated client cultural change / communication support.
- Managed Green Compass assessment support and Operational Energy Management Program.
- Budgeted & enabled Supply consultation.

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DIRECTOR OF ENGINEERING & UTILITIES

2009 - 2010

Virginia Commonwealth University, Richmond, VA

- Managed through subordinate supervisors VCU's steam, electricity, thermal storage and other utility systems, central building automation, access control, work reception and management system.
- Directed the 24-7 staffing operation center, and customer service center.
- Supervised energy consumption reduction initiatives, and day to day service support contracts.
- Served as university engineer for preparation of work scopes, and selection of consultants.

ASSISTANT PHYSICAL PLANT DIRECTOR

2006 - 2009

North Carolina A&T State University, Greensboro, NC

- Forecasted emergency needs for facility operational budgets for building upkeeps and special projects.
- Coordinated Operational Performance with Facility Design & Construction Department to ensure that Physical Plant requirements are met
- Interacted with all levels of administration to address and resolve facilities' issues.

EDUCATION & CERTIFICATIONS

Bachelor of Science in Mechanical Engineering

Pratt Institute, Brooklyn, NY

Lean Manufacturing Certification

North Carolina A&T State University & John Deere Lean Academy

Professional Engineering Registration (License #: 077054)

University of the State of New York, Education Department

Professional Engineering Registration (Certificate #: 035285)

North Carolina Board of Examiners

Facilities Engineering Management Diploma

North Carolina State University McKimmon Center, Raleigh, NC

Educational Facilities Management Certification

APPA Institute Continuing Education

Design & Selection of HVAC Systems & Equipment Certification

New-York University Continuing Education

Soft Skills Certification

"Working Smart" Guilford Technical Community College