

Robert Bradley Medlin

1317 Stillwater Dr

Seneca, SC 29672

864-710-2083

Rmedlin1988@gmail.com

Education

- 2014 Graduate from Tri-County Technical College with an AS General Studies with an emphasis in Physics, Engineering Graphics and Mathematics
- 21+ years' experience with CAD (AutoCAD and Autodesk Inventor, Bentley MicroStation, Master CAM) starting in 7th grade (2001)
- Certified Spatial Analyzer Advanced Operator on both Total Station CMM and Laser Tracker (API and Faro) CMM SME
- Certified Faro Laser scanner and Scene Software Operator SME
- Certified Professional in Autodesk Inventor

Work History

- Duke Energy Intern (May 2008-Aug 2008, May 2009-July 2009) – Weld Tech Support-worked with drawing tracking and document control. Compared the flow diagrams to Weld Documents and made corrections where necessary.
- Duke Energy's Oconee Nuclear Station (May 2010-July 2017) – 3D design and Metrology (Subcontracted through Day & Zimmerman)
- Duke Energy Metrology Services (July 2017- Present) – Lead Metrology Designer (Subcontracted though BHI)

Additional Skills

- Subject Matter Expert in Metrology and 3D Modeling for Duke Energy Metrology Services
- Subject Matter Expert in these software suites: Autodesk Inventor, and AutoCAD, Faro Scene (Laser Scan Processing Software), Spatial Analyzer (portable CMM control software)
- Knowledgeable in Bentley MicroStation, Fusion Document Management, Consolidated Asset Suite, Microsoft Office Suite and Adobe Creative Suite
- High End Computing SME for Lenovo, Dell, AMD, Nvidia, and Intel and product development consultant

Additional Information

- Elected 2017 Site President and 2014-2016 Site VP of ONS YGN Chapter as a member of Duke Energy's NAYGN Fleet Chapter
- Instrumental in creation of Metrology Services organization for Duke Energy – created business cases, proposals, cost estimates, ROI and value proposition documents
- Managed the day to day scheduling and task assignment of team as team lead
- Created database and file management processes for 32TB worth of Metrology, 3D model, Reality Capture, and supporting documents for Duke Energy Metrology Services
- Management of the Duke Energy Metrology Services group's computers, and equipment and the associated vendor calibration program
- Created the procedures for non-team members to be able to access and utilize Duke Energy Metrology Services organization data
- Created processes and procedures for Data Acquisition in the field for Duke Energy Metrology Services and trained team members
- Single point of contact for technical information within team
- 10+ years continuous support of an operating Nuclear Power Plant
- 4+ years supporting Duke Energy's entire utility group
- Developed Autodesk Inventor Certified Professional Exam as Autodesk Inventor SME
- Worked with computer hardware manufactures to test how their new products work in Reality Capture space

References

- Thomas Myers (Current Manager) – 828-472-0390
- Scott Rawson (Former Supervisor) – 864-650-2097
- Erica Noyes – 864-419-1769