

Josue Louis

Secane, PA - Email me on Indeed: [indeed.com/r/Josue-Louis/5048c3d5d2cb0d96](https://www.indeed.com/r/Josue-Louis/5048c3d5d2cb0d96)

Efficient mechanical engineer with great understanding of engineering principles, methods, testing and evaluating product designs. Proficient at using a Coordinate Measuring Machine (CMM), Optical Comparator, AutoCAD software, and other measuring tools. My fundamental strengths include effective communication skills, quick-thinking problem solving abilities, strong testing and analytical skills. I am also eager to learn and adopt new technologies and skills when given the opportunity. I am confident that I will excel and live up to the expectations of performing the duties assigned.

Authorized to work in the US for any employer

WORK EXPERIENCE

Quality Engineer

Windle Mechanical Solutions Inc. - Philadelphia, PA - October 2014 to April 2016

- Provided quality inspections for precision component parts for customers in the Aerospace, Defense, Bio-Pharmaceutical, Power & Gas industries
- Assisted in completing internal audits which resulted in recertification of ISO AS9100 & ISO 9001 certifications
- Reviewed customer drawings and specifications to inspect and verify product requirements
- Submitted First Article Inspection (FAI) reports that included a description of the product, outside processing, and dimensional results
- Created Purchase Orders for parts that required outside processes
- Created Authorization to Ship (ATS) forms for parts that were ready to ship to our customers.
- Liaised between customers and vendors regarding product completion and scheduling dates
- Assisted in incorporating LEAN Manufacturing strategies
- Controlled inspection tools calibration log and calibrated inspection tools when needed
- Analyzed nonconforming products and aided with completing Corrective Action / Preventive Action (CAPA) improvements
- Received training to be a Designate Quality Representative (DQR) for a prominent customer in the aerospace industry

Geotechnician

GeoStructures, Inc - King of Prussia, PA - April 2013 to September 2013

- Performed soil compaction, foundation and concrete inspections
- Analyzed contract specifications and plans
- Submitted concise daily reports that include a description of daily work performed, problem areas discovered, equipment and manpower used

Facilities Quality Engineer (FQE)

Philadelphia Housing Authority - Philadelphia, PA - April 2012 to September 2012

- Managed construction workers, exterminators, plumbers, and painters to ensure work was completed within budget and schedule
- Created roughly 100 maintenance cases and service orders daily to insure tenant needs were being attended to
- Inspected housing units to ensure safety requirements are met

Mechanical Engineering Intern

Philadelphia Department of Commerce - Philadelphia, PA - April 2011 to September 2011

- Reviewed contract specifications, Statement of Work (SOW) and design plans to ensure that the requirements are met
- Inspected contractors' work performance to ensure that they adhered to the contracts requirements
- Created reports detailing daily accomplishments, risk, and help needed

EDUCATION

Bachelor of Science in Mechanical Engineering

Drexel University - Philadelphia, PA

2010 to 2014

SKILLS

Coordinate Measuring Machine (CMM), Optical Comparator, AutoCAD, Microsoft Office (Word, Excel, and PowerPoint), Nuclear Gauge, Calipers, Micrometers, Height Gages and other measurement tools