

Nicholas A. Montanez

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Key Strength

- Knowledge of GMP protocols and Lean Sigma principles.
- Self – starter with initiative and motivation to work well with or without supervision.
- Ability to interpret and apply written procedures and standards governing manufacturing processes.
- Excellent problem-solving skills, sound decision-making skills, and demonstrated ability to meet deadlines in a team-oriented environment.
- Proficient in Microsoft Office (Excel, Word, PowerPoint)
- Programming languages (Mat Lab, Auto Cad, Polymath, Aspen Plus)

Education

BACHELOR OF SCIENCE | NEW JERSEY INSTITUTE OF TECHNOLOGY (NJIT)

Major: Chemical Engineering

Newark, NJ

GPA: 3.3

Professional Experience

MANUFACTURING ENGINEER | E-BEAM SERVICES INC. | CRANBURY, NJ | DECEMBER 2017 - PRESENT

- Operates start-up processes and equipment on the production floor to aid in writing operating training procedures.
- Interviews with internal subject matter experts responsible for system concept/design/operation.
- Develops engineering safety controls, preventive maintenance program, and process optimization to improve start-up process.
- Conducts experimental test runs on current project designs and assists in formulating concepts for better system designs.
- Generates timely and concise documentation of experimental results and communicate with team members.
- Collaborates with Maintenance Manager to assist NJ Maintenance team with technical problem solving.

QUALITY CONTROL TECHNICIAN/PROCESS AUTOMATION ASSISTANT | PROMOTION IN MOTION, LLC | SOMERSET, NJ | SEPTEMBER 2016 – DECEMBER 2017

- Assisted the Process Automation Engineer Manager to develop multiple pilot projects within a manufacturing environment.
- Developed training manual and standard procedure (SOP) for training implementation of new software.
- Managed tracking, reporting, and analyzing of all incoming raw material shipments and confirm it's within specification.
- Utilized and ensure proper safety methods are in place to accurately calibrate all equipment used in testing quality of finished product.
- Developed simulations of SCADA displays for automate processes.

PH ROOM OPERATIONS INTERN | PROMOTION IN MOTION, LLC | SOMERSET, NJ | MAY 2016 – AUGUST 2016

- Researched and experimented effluent waste water from plant such as chemical and biological oxygen demand, total suspended solids, and dissolved oxygen.
- Utilized equipment such as spectrophotometers and dissolved oxygen meters to analyze waste water.
- Worked in teams to develop solutions for improving wastewater quality.