

JOHN DOE

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CAREER PROFILE

A Chemical Engineering professional with a business acumen that includes both experience and proficiency in the areas of quality control and analytical chemistry. Core strengths encompass leadership; building strong business relationships with stakeholders; and designing innovative workflow solutions. Expertise in increasing efficiency; ensuring quality standards; training other employees on processes and procedures; as well as, applying educational measurement principles of – Science & Chemistry.

AREAS OF STRENGTH

- Engineering: Industrial & Chemical
- Analytical Chemistry
- Data Analysis
- Management & Leadership
- Quality Control
- Project Management
- MatLab
- Aspen Plus 8.6
- Polymath
- Powerful Presentations
- Stakeholder Relations
- Research & Design

WORK EXPERIENCE

BROOKDALE COMMUNITY COLLEGE, Lincroft, New Jersey January 2017 – Present
Facilitates and presents General Chemistry, Organic Chemistry & Nursing Chemistry lab courses, teaching the students how to use the lab equipment, grading and assessing both knowledge and skills.

Lab Instructor – General Chemistry, Organic Chemistry & Nursing Chemistry

- Prepare lesson plans for each opening lecture, as well as, troubleshoot experiments, providing help, support, and solutions to lab students.
- Ensures final lab reports and experiments meet high standards, grading their accuracy and skills.
- Designs and authors quizzes and exams based on the weekly lab content, assessing the overall aptitude of the weekly lessons.

CONCORDE SPECIALTY GASES, Eatontown, New Jersey November 2016 – Present
Oversees quality control with TCD and DID gas chromatographers and analytical moisture meters, identifying tetrafluoromethane, carbon monoxide, sulfur dioxide, and carbon dioxide to the parts per million (ppm).

Chemical Engineer

- Collaborated with Engineering on the building and designing of a distillation tower to be used in the cryogenic separation processes.
- Produce and test multiple gas, fuel and oxidizer blends, to calibrate equipment in plants to EPA Protocol.
- Improved and streamlined the current recycling process, generating both speed and quality.

J DWYER ELECTRIC, LLC, Atlantic Highlands, New Jersey January 2010 – October 2016
Managed and oversaw on-job sites serving as a liaison between the customers, vendors, and workers.

Manager & Facilitator

- Optimized efficiency and productivity assessing the knowledge, skills, and abilities of all J Dwyer Electric employees.
- Purchased supplies, handling the delivery of stock to job sites, processing all logistical needs.
- Collaborated with the team of Contractors, dedicated to ensuring smooth and efficient operation.
- Developing the following key strengths management, finance, networking, teamwork, troubleshooting and providing quality Customer Service.

EDUCATION

RUTGERS UNIVERSITY – NEW BRUNSWICK, New Brunswick, New Jersey
Master of Science – Chemical and Biochemical Engineering, Expected Graduation Date – May 2021

NEW JERSEY INSTITUTE OF TECHNOLOGY, Newark, New Jersey
Bachelor of Science – Chemical Engineering, May 2016
Dean's List | Omega Chi Epsilon – Chemical Engineers National Honors Society | Cum Laude