

NGUYEN VAN NHAT HOANG

203

300/23/23A Nguyen Van Linh Street, Binh Thuan Ward, District 7, Ho Chi Minh City, Viet Nam.

CHEMICAL, PROCESS & QA/QC ENGINEER

Short-term goals: Pursue a career in the chemical or process engineering fields at an entry-level position to apply my academic skills and gain practical experience. Build connections within the industry to expand my knowledge and career opportunities.

Long-term goals: Stick with a long-term manufacturing company and stay up-to-date with industry trends and advancements through certifications and professional experience. Develop new processes, technologies, or equipment to enhance efficiency and sustainability. After gaining professional experience, I plan to pursue a master's degree in my field or a second degree in economics.

KEY COMPETENCIES

Unit operations principles	Production Process Optimization	Proficient in Advanced Data Analysis
Equipment design and selection	Critical thinking skills	SAP
Problem-solving skills	Communication and teamwork skills	Excel (Pivot table, Power Query)

PROFESSIONAL EXPERIENCE

Ho Chi Minh City University of Technology - Viet Nam National University

Sep – Dec 2021

Teaching Assistant

- Guided first-year international program students in the development of soft skills essential for academic and professional success.
- Provided expert guidance and oversight for second-year Chemical Engineering students on Production Systems to help them select their major.
- Conducted informative and engaging classroom lectures to enhance the educational experience of students.
- Reviewed and revised student assignments to ensure clarity, understanding, and alignment with learning objectives and graded ongoing assessments to monitor student progress and understanding of course material.
- Oversaw the development and execution of group projects, ensuring educational goals were met and providing feedback for improvement.

Achievements:

- Improved student performance, leading to a 15% increase in average grades for the courses I supported.
- Received positive feedback from 95% of students in end-of-term evaluations, emphasizing my effectiveness in teaching and support.
- Successfully guided a group of students to participate in department and school level competitions.

Dai Phat TNT Packaging Printing Production Trading Co., LTD

June – July 2023

Draw, Design and Operation Internship

- Drew 2D & 3D models for the blowing and cutting machines in Autocad for an overview of the devices.
- Assisted in managing daily operations of the printing production line, ensuring quality standards and efficiency were maintained.
- Performed quality control checks on printed materials to ensure compliance with client specifications and company standards.
- Collected and analyzed production data to identify bottlenecks and improve workflow efficiency.

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PROFESSIONAL EXPERIENCE

Achievements:

- Identified cost-saving opportunities that led to a 2-3% reduction in production costs.
- Developed strong proficiency in using industry-standard ERP software, including SAP, for design and production management. Streamlined the design process and improved efficiency through advanced data analysis.
- Quickly adapted to various roles in the production line, demonstrating versatility and a strong ability to learn new processes.
- Collaborated with cross-functional teams to implement process improvements and troubleshoot issues.

Duy Tan Plastics Corporation

Jan - May 2024

Quality Assurance (QA) Internship

- Conducted regular quality control inspections on plastic products, ensuring 100% compliance with ISO 9001 standards and minimizing product defects by 10% over the internship period. Utilized statistical quality control techniques to monitor production consistency.
- Assisted in conducting various tests (e.g., strength, durability, and safety tests) on plastic materials and products. Analyzed test results to determine product quality.
- Maintained detailed records of inspection results, test data, and quality metrics. Prepared reports and presented findings to the QA team and management.
- Participated in identifying opportunities for process improvements to enhance product quality and reduce defects.
- Monitored production processes and procedures to ensure compliance with industry regulations, safety standards, and company policies.

Achievements:

- Spearheaded the development and implementation of innovative testing procedures, which improved the accuracy and reliability of quality assessments by 20%. Collaborated with a cross-functional team to ensure seamless integration of these procedures across departments.
- Ensured 100% compliance with industry standards and company quality policies during the internship period.
- Streamlined quality documentation processes, resulting in more efficient record-keeping and faster report generation.

EDUCATION & CERTIFICATIONS

Ho Chi Minh University of Technology (HCMC - VNU)

Bachelor of Chemical Engineering

Major: Unit of Operation and Equipment

GPA: 3.0/4.0

- OISP Scholarship in Semester 231.
- OISP Scholarship in Semester 232.

IELTS 6.0 Certification

IDP - 2022

Lean Six Sigma GreenBelt Certification

Weick Institute of Management Consulting- 2022

KEY ACHIEVEMENTS

TOP 36 OISP Presentation Contest (2019).

EXTRACURRICULAR ACTIVITIES

Community Volunteer

- City green summer campaign 2020
- Join the run for the community UPRACE 2023 & 2024

Football player for OISP department - HCMUT

- Collaborated with team members to improve coordination and strategy during inter-departmental tournaments.
- Developed leadership and communication skills while organizing practice sessions.