



HERDIANA

Pandaan, Pasuruan | +6281554247090 | herdiana403@gmail.com | [linkedin.com/in/herdiana1](https://www.linkedin.com/in/herdiana1)
Applied Bachelor's graduate in Industrial Chemical Engineering Technology from Politeknik Negeri Malang with a GPA of 3.79/4.00. Completed a six-month internship at PT Heinz ABC Indonesia in Process Production, gaining experience in manufacturing operations, process optimization, production data analysis, SOP development, and cross-functional collaboration. Strong analytical and problem-solving skills with a passion for continuous improvement and operational excellence.

EDUCATION

Politeknik Negeri Malang
Applied Bachelor's Degree in Industrial Chemical Engineering Technology
GPA 3.79/4.00

August 2022 - July 2026

WORK EXPERIENCE

Process Production Intern - PT Heinz ABC Indonesia

July - December 2025

- Supported daily manufacturing operations through cross-functional collaboration with Production, QA, QC, Engineering, Utility, and Warehouse teams.
- Contributed to a heat recovery initiative by designing an economizer to improve process energy efficiency.
- Developed and updated SOPs for soy sauce and syrup production to enhance operational standardization.
- Analyzed production data to identify process improvement opportunities and support continuous improvement initiatives.
- Applied GMP, Food Safety, and OHS standards to maintain safe and efficient manufacturing operations.

UNDERGRADUATE RESEARCH

Utilization of HCl-Activated Bottom Ash from Palm Kernel Shell Combustion as a Methylene Blue Adsorbent in a Batch System

- Conducted research on biomass waste utilization by optimizing adsorption process parameters and evaluating adsorbent performance for wastewater treatment.

ACADEMIC ACTIVITIES

- Finalist – National Creative Ideas and Design Competition.
- Volunteered in organizing university seminars and academic competitions.
- Participated in faculty-led research on waste treatment and process engineering.

SKILLS

Technical

- Manufacturing Operations
- Production Process Analysis
- Process Optimization
- Cross-functional Collaboration
- Continuous Improvement

Software

- Aspen HYSYS – Process simulation, mass and energy balance, and heat exchanger analysis.
- Microsoft Excel – Data analysis, PivotTable, XLOOKUP/VLOOKUP, and engineering calculations.
- Microsoft Word – Technical report writing and SOP documentation.
- Microsoft PowerPoint – Technical presentations and project reporting.

Soft Skill

- Analytical Thinking
- Problem Solving
- Communication
- Teamwork
- Adaptability

CERTIFICATIONS

- TOEIC Listening & Reading — Score: 625
- BNSP Competency Assessment — Competent (Liquid Chemical Product Manufacturing – 300 L Capacity)