

Work Experiences

- Freelancer Science Teacher**

April 2024 - Present

 - Provide private tutoring for high school students, both for regular academic support and advanced preparation (e.g., science competitions and Olympiads).
 - Design and deliver personalized lesson plans to strengthen students' understanding of Chemistry, Physics, and general Science concepts.
 - Act as a Science Club coach at a senior high school in Bandung, mentoring students in project-based learning and competition training.
 - Encourage a spirit of curiosity and support students in developing strong critical thinking and problem-solving abilities.
 - Support students' academic growth by combining theory with real-life applications and simple experiments.
- Production Group Leader • PT. Perusahaan Industri Ceres**

March 2023 - March 2024
Bandung, Indonesia

 - Led and coordinated daily production operations, supervising 15+ operators to meet schedules and ensure product quality.
 - Trained and mentored team members, fostering continuous improvement and collaboration.
 - Ensured compliance with GMP, food safety, and OH&S standards, while maintaining a safe and clean production environment.
 - Conducted sensory evaluation of raw materials, WIP, and finished goods to guarantee consistency.
 - Managed production data and reports using SAP, Google Sheets, and MS Office, ensuring accurate documentation and process efficiency.
- Internship Quality Control • PT. Pabrik Gula Rajawali II Jatitujuh**

March 2022 - April 2022
Majalengka, Indonesia

 - Coordinated a team of 7 interns to complete sampling of molasses, granulated sugar, and various water types (consumption, raw, and domestic).
 - Assisted in 75% of the preliminary analysis to determine the Purity Value (HK%) of sugar cane, including %pol and %brix analysis of raw sap.
 - Contributed to 80% of the analysis of finished goods, focusing on BJB, ICUMSA, water content of granulated sugar, and %pol and %brix of molasses.
 - Reported detailed data analysis results to Quality Control staff and supervisors to support decision-making and ensure quality assurance.
 - Gained proficiency in operating and calibrating laboratory instruments, including Visible Spectrophotometers, Manual Polarimeters, Refractometers, Moisture Analyzers, and Sieve Shakers.

Educational Level

- Politeknik Negeri Bandung • D3 – Teknik Kimia**

July 2019 - July 2022

 1. Completed a certification in Mass and Heat Transfer, focusing on extraction, fluid flow, and heat exchanger methods.
 2. Elected Vice President of the Polban Nanotechnology Community, demonstrating leadership and teamwork skills.
 3. Led the 2021 PKM Dikti research project titled "Production of Green Diesel from Microalgae Chlorella sp Oil Using NiMo/YAl2O3 Catalyst with Hydrogenation and Fractionation Process."
 4. Published research on "Food Estate Modernization in Rice Plants Based on IoT in Indonesia".
 5. Conducted final project research on "The Effect of Soxhletation Temperature on the Decaffeination Process of Arabica SigararUtang Roasted Coffee with Acetic Acid Solvent" and assisted in the publication of related research on decaffeination methods.

- Skill**
- Detail oriented
 - Critical thinking

- Documentary
 - Innovative

- Collaboration
 - Leadership

- Intermediate in English
 - Laboratory dan Instrumental skill

- Achievement**
- Selected for the Student Scientific Week (PIM POLBAN 2021) as one of the top PKM projects.
 - Successfully completed GMP (ISO 22000) and Occupational Health & Safety (ISO 45001) training
 - The top participant in the Food Safety Bulletin (Mar–Apr 2023)
 - Finalist in the 2023 Kaizen Competition with the project 'Improvement to Reduce Microbial Contamination for WIP Malt Candy'.
 - Participate in the 'Semarak Bulan K3 Nasional 2024' poster competition.
 - Recipient of the 'Perempuan Inovasi 2025' Full-Stack Web Development Scholarship.