

Aditya Cahyadi Adiwino

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Profile

A chemistry graduate with from Ma Chung University with experience in food extraction at PT Mitra Ayu Adipratama, Indonesia. Possesses a strong interest in food processing and analysis.

Education

Ma Chung University, Indonesia

09/2019 - 01/2023

Bachelor of Science (B.Sc.) in Chemistry, with a specialization in Food Chemistry and Renewable Energy, graduated with Cum Laude honors (GPA 3.59/4.00) and was one of the fastest graduates from the Faculty of Science and Technology.

Research Experience

Undergraduate Thesis

10/2022 - 12/2022

Research was conducted as the main requirement for the degree of Bachelor of Science. The title of the thesis was Study of the Effect of the Halogen and Nitro Functional Group on Resorcinarene Activity as Photocatalyst for the Degradation of Phenol. The research employed various instruments, including UV-Visible spectrometry, fluorometer, and FT-IR. It was highly successful and received an A+ grade, among the best in the cohort.

Work Experience

PT. Mitra Ayu Adipratama

03/2022 - 04/2022

Research and Development Intern

Worked as a research and development intern at PT Mitra Ayu Adipratama. I was responsible for extracting capsaicin, the compound responsible for the spiciness, from Carolina Repear chili peppers.

PT. Asuransi Jiwa Generali Indonesia

01/2023 - 09/2024

Insurance Agent

Conducted health insurance sales both individually and coordinated the team to achieve targets. Achieved team sales totalling more than IDR 400 million First Year Annualized Premium Equivalent with a persistence rate of 90%.

Organizational Activity

Student Representative of the Faculty of Science and Technology 08/2021 - 12/2022
President

Responsible for overseeing the functions of the executive branch, drafting and enacting legislation, and conveying student concerns to relevant parties.

Training, Workshop, Conference

***“The 9th Indonesia Biotechnology Conference”* 09/2024**

A two-day conference organized by Indonesian Biotechnology Consortium, themed ‘Accelerated Green Industrial Innovation Through Biotechnology Toward the Golden Indonesia 2045 Vision’.

Laboratory Technical Skills

Characterizations : Gas chromatography-Mass spectrometry, UV-visible spectroscopy, fourier-transform infrared spectroscopy (FT-IR), fluorescence spectroscopy.

Extractions : Liquid-liquid extraction, solid-phase extraction, soxhlet extraction, three-liquid-phase system extraction/multiphase extraction.

Laboratory Techniques and Skills : Pipetting and weighing, titration, filtration, centrifugation, refluxing, lab notebooks, and instrumen calibration and maintenance.

Languages

Indonesian : Native proficiency.

English : Professional working proficiency, TOEIC Score 835, B2 CEFR Level.