

Andreas Harison Manurung

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Serang, Banten

Summary

Skilled at chemical analysis especially environment chemistry and microbiology analysis and studied at research renewable energy and activated charcoal. I am a self-motivated, rapid learner, strong analytical. Work well as a team member as well as independently. Have operated Chemical instrument such as AAS, ICP-OES, Spectrometry UV-VIS, Turbidity meter.

Education

INSTITUT PERTANIAN BOGOR

August 2012 – February 2017

Bachelor of Chemistry | GPA: 3.36/4.00

- Undergraduate Thesis: *Membrane Electrode Assembly Composite Polysulfone Sulfonated – Titanium Dioxide for Methanol Fuel Cell Application*

Professional Experiences

PT SWING INDONESIA

Serang, Banten

Quality Control Supervisor

December 2021 – Now

- Led various projects such as STP, WTP, WWTP; Activated Carbon and provided support to complete them.
- Supervise 5 people and responsible research to improve Laboratory SOP such as JIS testing method, JWVA testing method, HACH testing method and research to make a product.

FOREST PRODUCTS RESEARCH AND DEVELOPMENT CENTER

Bogor, West Java

Student Laboratory Internship

June 2016 – August 2016

- Studied about Analysis of activated charcoal *Acacia Mangium* bark as a byproduct of the manufacture of methanol using hydrothermal system.

PT FRISIAN FLAG

Jakarta, DKI Jakarta

Student Laboratory Internship

June 2015 – August 2015

- Studied about Analysis of calcium levels in the basic ingredients of infant milk powder using Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES) Methods.

INSTITUT PERTANIAN BOGOR

Bogor, West Java

Professor Assistant

June 2014 – July 2016

Organizational Experiences

BADAN EKSEKUTIF MAHASISWA FMIPA IPB

Bogor, West Java

Head of Literature Division

June 2020 – May 2021

- Led 5 divisions members in handling the organization literature

IKATAN MAHASISWA KIMIA IPB

June 2013 – February 2017

Additional Information

Language Indonesian (Native) and English (Upper-Intermediate)

Computer Skills Expertise in Microsoft Office: Ms Excel, Word, Powerpoint; Design Software: Coreldraw, Photoshop; Chemist Software: Chembio hyperchem and draw.

Chemist Skills Metal Analysis, Food Analysis, Microbiology Analysis, Spectrophotometer analysis (AAS, ICP, UV-VIS, etc), Wastewater Analysis

Certificates Training HACCP & ISO 9001:2015, Training Go Green Bioplastic and Fuel Cell, Training IPB & Kyoto University International Symposium Global Environment, ESQ Leadership Training, Journalistic Training Metro