

ANDIKA FEBRILIANSYAH

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ABOUT

Active student in the third year of the Bachelor of Chemistry at Brawijaya University who can think critically, easily learn new things, is communicative, and can work in a team. Experienced in organizations in the field of strategic studies dan action. Has an interest in the field of inorganic and analytical chemistry, and wants to build a career as a Quality Control/Researcher.

EDUCATION

Brawijaya University

Chemistry – GPA 3.51 (scale 4.00)

- Learn about Organic, Inorganic Chemistry, Biochemistry, Physical and Analytical Chemistry (UV-Vis, FTIR, GC-MS, AAS, etc)
- Group Project title “Pembuatan Cairan Pembersih Lantai dari Ekstrak Kulit Jeruk (*Citrus Maxima*) Sebagai Sumber D-Limonene”
- Group Project title “Pembuatan Bioetanol dari Limbah Molase Tebu”
- Individual Project title “Optimasi Konsentrasi TiO₂ dan Ekstrak Bunga Telang terhadap Karakteristik Film Kitosan sebagai Sensor pH”
- Laboratory Assistant
 - Analytical chemist 1
 - Analytical chemist 2
 - Physical chemist

INTERNSHIP

PT. NIPPON SHOKUBAI INDONESIA

Jul 2025

- Studying the production process of acrylic acid, ethyl acrylate, buthyl acrylate, and 2-ethyl hexyl acrylate
- Studying utility analysis including pH analysis, total phosphate analysis, nitrite analysis, hydrazine analysis, turbidity analysis, and electrical conductivity analysis

ACHIEVEMENT

Bronze Medalist Indonesian Young Scientist Association (IYSA)

Aug 2023

- Made an invention proposal and research paper “Effectiveness of Nanobubbles (Nbs) Oxygen Technology for Dendrobium Orchid Plant Acclimatization on Hydroponic Wick Systems”

ORGANIZATIONAL EXPERIENCES

President at BEM FMIPA UB (Feb – Dec 2025)

- Responsible for overseeing 60+ work programs managed by 12 departments and supervising a total of 140+ functionaries
- Aligning and coordinating all heads of the organization in FMIPA UB
- Liaise and coordinate with external parties outside the faculty

Deputy Minister at the Ministry of Strategic Studies and Action at BEM FMIPA UB (Feb - Dec 2024)

- Developing a ministry plan strategy and managed all staff in ministry
- Manage and supervise internal Ministry of Strategic Studies and Action
- Supervised programs and 7 staffs during one management period

Staff at the Ministry of Strategic Studies and Action at BEM FMIPA UB (Feb - Dec 2023)

- Manage and conceptualize work programs to create propaganda designs on social media BEM FMIPA UB
- Becoming MC for various work programs of the Ministry of Strategic Studies and Actions

COMMITTEE EXPERIENCES

String Comittee of Discussion Division at the APA KABAR MIPA BEM FMIPA UB 2024

May - Oct 2024

- Overseeing the preparation of the event budget
- Ensuring the entire event runs smoothly and successfully

Village Coordinator of KKN FMIPA UB Desa Gunungjati

Jun - Jul 2024

- Manage and supervise external activities in KKN FMIPA UB Desa Gunungjati
- Manage and conceptualize teaching work programs at SDN 1 Gunungjati

Staff of Documentation Division of Event Division at the DIALOGI 1 BEM FMIPA UB 2024

May 2024

- Accommodating places and equipment at all events
- Capturing moments throughout the event

Staff of Discussion Division at the DIALOGI 2 BEM FMIPA UB 2023 • <i>Design the flow of the discussion</i> • <i>Lead, organize, and control events to keep them on topic</i>	Nov 2023
Staff of Event Division at the PROBINMABA FMIPA UB 2023 • <i>Manage timeline and event concept in series of events</i> • <i>Manage materials and speakers</i>	Sep 2023
Staff of Discussion Division at the APA KABAR MIPA BEM FMIPA UB 2023 • <i>Collect and discuss issues that exist in the faculty</i> • <i>Encourage participants to create discussions</i>	Jun - Aug 2023
Staff of Equepment Division Pekan Seribu Budaya FMIPA UB 2023 • <i>Accommodating places and equipment at all events</i> • <i>Managing letters for borrowing places and equipment</i>	Mar - Jun 2023
Staff of Event Division at the DIALOGI 1 BEM FMIPA UB 2023 • <i>Manage timeline and event concept in series of events</i> • <i>Manage materials and speakers</i>	May 2023

VOLUNTEER EXPERIENCE

Gerakan Aksi Lingkungan 2025 • <i>Carrying out a mangrove planting movement on the riverbank</i> • <i>Install cleanliness marking bars</i>	Jun 2025
Gerakan Aksi Lingkungan 2024 • <i>Carrying out a beach cleaning movement</i> • <i>Studying and practice coral transplantation</i>	Jun 2024
Gerakan Aksi Lingkungan 2023 • <i>Carry out reforestation by planting sea pandan trees</i> • <i>Learn how to evacuate baby turtles and how to watch over turtles at night.</i>	Oct 2023

SKILLS

- *Soft skills: Public speaking, critical thinking, problem solving, leadership, team management*
- *Project management*
- *Event organizer*
- *Technical skills: Ms. Word, Ms. Excel, Wet lab*
- *Editing: Canva*
- *Language skills: Bahasa Indonesia (Native), English (Intermediate)*

CERTIFICATION

- Certification of **Student Management Skills Training**, Brawijaya University
 - Intermediate Management Skills Training (LKMM-TM), FP UB, 2024
 - Basic Menagement Skills Training (LKMM-TD), FMIPA UB, 2022
- Certification of **Technology Expertise**
 - Microsoft Excel 2019, Microsoft Power Point 2019, and Microsoft Word 2019, Brawijaya University, 2026
 - Gemini Mahasiswa UB, Google Indonesia, 2026