

## HILMY HIDAYAT GEA

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### About Me

Pharmacy Professional Program student at Institut Teknologi Bandung with a strong interest in the pharmaceutical industry. Experienced in Pharmacy Professional Practice across Pharmaceutical Quality Control, Hospital Pharmacy, Community Pharmacy, Primary Healthcare Centers, and Government Health Institutions. Knowledgeable in pharmaceutical quality control, medication management, procurement, inventory control, and distribution in compliance with applicable regulations and Good Pharmacy Practice standards. Supported by experience as a Laboratory Teaching Assistant, Part-time Research Assistant, and student organization leader, with strong analytical, communication, teamwork, and time management skills.

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### Academic Background

#### Institut Teknologi Bandung

Pharmacy Professional Program

Aug 2025 - Aug 2026

- GPA: 3.83/4.00

#### Universitas Sumatera Utara

Bachelor of Pharmacy

Aug 2021 - Feb 2025

- GPA: 3.73/4.00

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### Experiences

#### PT Anugrah Argon Medica - Branch Jakarta 2

Apr 2026

##### Apothecary Intern

- Supported daily pharmaceutical distribution operations by processing 30-50 customer orders per day, performing physical inventory verification for 500+ pharmaceutical products (SKUs), and maintaining inventory accuracy above 98%.
- Inspected the physical condition of pharmaceutical products and verified 100+ batch numbers and expiration dates daily, ensuring compliance with Good Distribution Practices (GDP/CDOB), internal quality standards, and complete logistics documentation.
- Collaborated with warehouse, logistics, and administrative teams to maintain accurate distribution records and support on-time deliveries exceeding 95% to customers and partner healthcare facilities.

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### Experiences

#### PT Lucas Djaja - Bandung, Indonesia

Nov 2025

##### Quality Control Intern (Raw Material, Packaging Material & In-Process Control)

- Supported quality control testing for raw materials, in-process samples, and finished products, assisting in the analysis of 50+ samples, including raw material sampling and verification of Certificate of Analysis (CoA) documentation for 50+ raw material and packaging material batches in accordance with Good Manufacturing Practices (GMP/CPOB).
- Assisted in sample preparation, laboratory documentation review, and QC data recording, ensuring compliance with GMP/CPOB, Good Documentation Practices (GDP), and internal laboratory procedures.
- Collaborated with QC personnel to support pharmaceutical manufacturing operations, monitor compliance with quality standards and Standard Operating Procedures (SOPs), and maintain effective laboratory quality systems.

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### Experiences

#### Faculty of Pharmacy, Universitas Sumatera Utara

Jan 2025 - Feb 2025

##### Teaching and Research Assistant (Part-time)

- Contributed to in silico molecular docking research and in vitro antioxidant activity assays (DPPH),

while supporting pharmaceutical formulation research and the development of analytical methods.

- Interpreted LC-MS chromatographic data, performed analysis using UV-Vis spectrophotometry, and assisted in experimental documentation and laboratory research activities.

### **Experiences**

**Faculty of Pharmacy, Universitas Sumatera Utara**

Apr 2023 - Jun 2025

#### **Laboratory Teaching Assistant - Pharmaceutical Analysis & Analytical Chemistry**

- Guided 300+ students in performing qualitative and quantitative pharmaceutical analysis, including analytical method validation, impurity testing, sample preparation, and titration techniques while ensuring accurate experimental results.
- Operated and calibrated UV-Vis spectrophotometers in accordance with pharmacopoeial standards, while promoting compliance with Good Laboratory Practices (GLP), laboratory safety regulations, and accurate analytical data recording.

### **Experiences**

**Faculty of Pharmacy, Universitas Sumatera Utara**

Aug 2023 - Jun 2024

#### **Laboratory Teaching Assistant - Drug and Hazardous Substance Analysis**

- Guided 100+ students in the qualitative identification of active pharmaceutical ingredients (APIs) and hazardous contaminants in pharmaceuticals, cosmetics, food products, and traditional herbal medicines using analytical chemistry techniques.
- Performed qualitative identification of controlled and prohibited chemical substances using classical analytical chemistry methods, while ensuring compliance with laboratory safety practices and applicable regulatory requirements.

### **Organization**

**INCOMPHASCO Fakultas Farmasi USU**

Nov 2023 - Dec 2024

#### **President**

- Led and coordinated multiple strategic divisions within the academic organization, overseeing organizational planning, program execution, and performance evaluation to enhance student competency and organizational effectiveness.
- Represented the organization in national scientific competitions, including essay writing, scientific poster presentations, and the Indonesian Pharmacy Olympiad, while fostering academic excellence and external collaboration.

### **Organization**

**UKMI Ath-Thibb Fakultas Farmasi Universitas Sumatera Utara**

Feb 2023 - Feb 2024

#### **Head of the Islamic Mentorship Department**

- Planned and managed the implementation of character mentoring programs, including curriculum development, activity scheduling, and coordination of mentoring initiatives to support student development.
- Coordinated mentor-mentee assignments, monitored program effectiveness and timely execution, and maintained consistent program delivery through effective communication and organizational management.

### **Paten & Publication**

- Registered Patent: Process for Preparing Essential Oil Nanoemulsion from *Cyperus rotundus* L. Tubers (Registered, Nov 2025).
- Publication: Antioxidant and Anti-Cholesterol Potential of *Cyperus rotundus* L. Tuber Essential Oil and Its Stable Self-Nanoemulsifying Drug Delivery System Formulation (Apr 2026).

## **Award & Achievements**

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- 3rd Place, Scientific Poster Competition, RXPO, Faculty of Pharmacy, Universitas Sumatera Utara (2024).
- 2nd Runner-up, Outstanding Pharmacy Student Award, Undergraduate Pharmacy Program, Universitas Sumatera Utara (2024).
- 1st Place, Scientific Essay Competition, RXPO, Faculty of Pharmacy, Universitas Sumatera Utara (2023).
- 2nd Place, Scientific Poster Competition, RXPO, Faculty of Pharmacy, Universitas Sumatera Utara (2023).
- 1st Place, Scientific Essay Competition, UKMI ATH-THIBB, Faculty of Pharmacy, Universitas Sumatera Utara (2023).
- 1st Runner-up, Chess Competition, RXPO, Faculty of Pharmacy, Universitas Sumatera Utara (2022).

## **Skills**

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**Soft Skills** : Problem Solving, Time Management, Teamwork, Attention to Detail, Fast Learner, Adaptability, Ability to Work Under Pressure.

**Hard Skills** : Pharmaceutical Laboratory Analysis, Quality Control (QC), Analytical Method Validation, UV-Vis Spectrophotometry, LC-MS Data Interpretation, Sample Preparation, Laboratory Documentation (GDP), Microsoft Excel (Data Analysis).

**Language** : Indonesian (Native), English (Professional Working Proficiency).