

SYAHIDA NAIA NURASTUTI

South Tangerang, Banten | +6287876687435 | syahidanaianurastuti@gmail.com | <https://linkedin.com/in/syahidanaia>

Analytical Chemistry graduate with hands-on experience in laboratory testing, analytical characterization, quantitative data analysis, and technical reporting. Familiar with analytical instruments including UV-Vis, FTIR, and GC-MS, with strong attention to data accuracy and systematic laboratory practices. Experienced in conducting experimental trials, interpreting analytical results, and preparing technical documentation in accordance with established procedures. Eager to contribute to analytical testing, method development, and product development activities within the pharmaceutical industry.

EDUCATION

Gadjah Mada University

Aug 2022 – July 2026

Bachelor in Chemistry

Award: Awardee of Jardine UGM Scholarship

WORK EXPERIENCE

National Research and Innovation Agency (BRIN) KST BJ Habibie

Researcher (Internship)

Sep 2025 – Feb 2026

- Planned and conducted 60+ experimental trials to optimize titanium dioxide coating conditions.
- Conducted analytical characterization using XRD, DR UV-Vis, FESEM-EDX, to evaluate material properties
- Collaborated with multidisciplinary researchers to ensure efficient project execution and accurate documentation.
- Prepared technical reports and research documentation to communicate analytical findings and support project evaluation.

PT PERTAMINA Technology Innovation

Research and Development (Internship)

Feb – Apr 2025

- Conducted 30+ laboratory experiments and analyzed quantitative process data to optimize biomass pretreatment, achieving up to 87% reducing sugar conversion.
- Performed sample preparation and UV-Vis spectrophotometric analysis to quantify reducing sugar content and evaluate experimental results.
- Supported laboratory-scale production by preparing raw materials and processing over 30 L of biomass extract to ensure efficient experimental operations.
- Monitored process performance and collaborated cross-functionally to support process development.
- Compiled analytical findings into comprehensive technical reports to facilitate project evaluation and continuous improvement.

ORGANIZATIONAL & LEADERSHIP

Student Creativity Program in Exact Sciences Gadjah Mada University

Research Project Leader

Feb – Aug 2024

- Led a multidisciplinary team of five members in planning and executing a nationally funded research project on Tridax procumbens-based hair serum, valued at IDR 8 million.
- Performed FTIR and GC-MS analyses to characterize and identify chemical compounds in Songgolangit extract, supporting the evaluation of raw material composition.
- Evaluated the efficacy of hair serum, achieving up to a 94% increase in hair growth.
- Coordinated project execution by managing laboratory activities and analyzing experimental data to support formulation development.
- Prepared and presented project reports and final deliverables to key stakeholders, ensuring compliance with funding requirements and effective project communication.

BEM KM FMIPA UGM – Student Resources Management Office

Director General of Development and Community Affairs

Jan – Dec 2024

- Directed the end-to-end talent acquisition and onboarding process for 80+ board members by designing recruitment strategies, evaluating candidates, and ensuring a structured onboarding experience.
- Coordinated the planning and execution of the First Gathering for more than 80 participants by managing timelines, logistics, and stakeholder communication.

- Developed the concept and end-to-end event execution plan for leadership inauguration programs attended by 80+ participants, ensuring seamless coordination across organizing committees.

Madya Staff

Nov 2022 – Dec 2023

- Managed the recruitment and onboarding of 95 new board members, ensuring a structured selection process and seamless integration into the organization.
- Facilitated cross-departmental collaboration among departments to improve coordination.
- Designed and implemented a monthly performance evaluation system, enabling transparent assessment, timely feedback, and continuous development of board members.

PUBLIC SPEAKING EXPERIENCE

Entrepreneurship Seminar KMK UGM

Moderator

May 2026

- Facilitated a discussion session with the speakers as part of a seminar attended by 40+ participants, ranging from college students to the general public

National Chemistry Olympiad

Master of Ceremonies

Oct – Nov 2024

- Served as MC for the Preliminary Round, Semifinal, and Final of the National Chemistry Olympiad 2024, hosting the preliminary session livestreamed to 1,000+ YouTube viewers and facilitating the semifinal and final rounds attended by 25+ finalists, ensuring smooth event execution and audience engagement.

Event Staff

June – Nov 2023

- Planned and coordinated event concepts for a 3-days national event attended by 400+ participants.
- Led the development of the event's visual identity, including the official mascot, stage design, and branding materials.

KMK 47 Induction and Orientation Program

Moderator

Feb 2024

- Facilitated a discussion session with the speakers attended by 90+ participants.

DEKAN CUP FMIPA UGM

Event Staff & Master of Ceremonies

Aug – Sep 2023

- Coordinated the planning and execution of the Band Competition involving 20+ participants and hosted at the opening and closing ceremonies, successfully engaging 70+ participants while ensuring the smooth running of the events and interacting with the participants.

PPSMB PASCAL FMIPA UGM

Co-Facilitator (Student Mentor)

July – Aug 2023

- Mentored and facilitated learning activities for 30 first year students through discussions and interactive sessions.

SKILLS

- Soft Skills: Analytical Thinking, Problem Solving, Public Speaking, Team Collaboration, Adaptability
- Analytical Instruments: UV-Vis Spectrophotometer, FTIR, GC-MS, XRD, and FESEM-EDX
- Other Skills: Microsoft Office (Word, Excel, PowerPoint), Google Calendar