

Gabriel Jonathan

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Hello, I'm Gabriel a passionate Computer Science undergraduate currently in my fifth semester at Bina Nusantara University. Specializing in building Machine Learning, NLP, and Computer Vision, I chose the Intelligent System streaming program to deepen my understanding of artificial intelligence. I'm also highly interested in cybersecurity and how it integrates with AI to create smarter and more secure systems.

EXPERIENCE

BINUS University

(May 2024 – May 2025)

Freshmen Partner

- Mentored a group of six freshmen by providing academic, personal, and campus-life guidance while supporting a community-based student development project.

Freshmen Leader

- Guided Binusian 2028 through their first-year orientation by introducing campus policies, Binus Graduate Attributes (BGA), and supporting their academic and social transition.

Featured Projects

Web Development

- **JeniusAcademy**
An educational web platform developed using HTML, CSS, and JavaScript, applying HCI principles for a clean and user friendly interface
- **Beefix**
A handyman hiring web platform developed using Laravel (PHP + Blade) to help companies manage technicians, schedules, and job requests, created and sold for a client's personal business use.
- **NutriFit**
Developed a health tracking app using React Native for the frontend and Express.js for the backend with MySQL for the database.
- **2Deuce**
Developed a Laravel-based movie ticket booking app with Blade templates and Bootstrap for a smooth and consistent user experience.

Machine Learning

- **Screw Anomaly Detection**
Developed a Streamlit-based web application using the MUSE model from scikit-learn to detect screw defects and prevent potential mechanical failures.
- **Poultry Feces Diseases Classification**
Developed a Streamlit-based web application using the SVM model and traditional feature extraction to detect and classify poultry diseases from feces images.

EDUCATION

BINUS University

Graduation: July 2027(Expected)

Undergraduate Student of Computer Science

- *GPA*: 3.63 / 4.00.
- Top 4, Data Science Competition, Rumpun Day Binus University 2025

ORGANIZATION

Keluarga Mahasiswa Buddhis Dhammavaddhana (KMBD)

(November 2023 – Present)

Staff of Fundraising Divison in Waisak Pujak x HUT KMBD

- Secured two sponsors and supported fundraising events while developing communication, negotiation, and teamwork skills.

Staff of Public Relations and Social Services (Invitation, Volunteer and Community Visit Division)

- Participated in community outreach, volunteer activities, and event coordination while managing broadcasts and division expense records.

Coordinator of Fund and Equipment – DV Teach

- Led a four-member team to manage fundraising, budgeting, and logistics, ensuring financial targets and operational needs were met effectively.

Binus English Club (BNEC)

(November 2023 – November 2024)

Staff of Talent Development Divison

- Served as PIC for storytelling talent training by planning sessions, coordinating practice schedules, and supporting talent development programs.

Staff of Event Division – ASEAN English Olympics (AEO)

- Supported the organization of an international competition by managing logistics, preparing the closing ceremony rundown and MC script, and coordinating with the MC.

SKILLS

- **Programming Languages:** C, Java, JavaScript, Python, PHP, SQL
- **Frameworks & Libraries:** React Native, Laravel, NumPy, scikit-learn, TensorFlow, CV2, NLTK, Express.js
- **Web Technologies:** HTML, CSS, RESTful APIs
- **Database Management:** MySQL, SQL Server Management Studio (SSMS)
- **Tools & Platforms:** Git, GitHub, Postman, Visual Studio, VS Code, Jupyter Notebook
- **Other Skills:** Machine Learning, Model Development, Deep Learning, Computer Vision, Natural Language Processing