# Fernando Gunawan

Intelligent System

## CONTACT

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## SKILL SUMMARY

- **Language**: Python, SQL, Java, React
- **Frameworks**: Pandas, Numpy, Scikit-Learn, Matplotlib
- **Platforms**: Visual Studio Code, Visual Studio 2022, Eclipse, SSMS
- **Soft Skills:** Communication, Technical

## EXPERIENCE

**Software Laboratory Assistant in BINUS University | Aug 2025 – Present**

- Guided and supported over 100+ students in lab courses such as Object-Oriented Programming (Java), Web Development, and Data Warehouse (SQL), making complex concepts easier to understand.
- Collaborated in a 2 person team to deliver lab sessions, answer questions, and help students apply theory in practice.
- Created case studies and exercises that were later used as part of lab exams and class assessments.
- Reviewed and graded student projects, assignments, and quizzes, providing fair evaluation and constructive feedback.
- Joined regular training sessions to continuously improve both technical and teaching skills.

**Academic Mentoring | Sep 2025 – Present**

- Worked with students in one-on-one mentoring sessions, especially those repeating courses or struggling with low grades.
- Helped them review key concepts and break down difficult topics in learning.
- Created simple practice exercises to match each student's needs, making study sessions more effective.
- Received a scholarship covering 16 academic credits as recognition for mentoring contributions.

## ORGANIZATION

**UREEKA Member | Feb 2025 – Present**

- Worked with a team to build web applications, often combining them with AI features to create smarter solutions.
- Took part in brainstorming and coding, learning how to turn ideas into real working websites.
- Collaborated closely with other members, improving teamwork and problem-solving skills along the way.

## EDUCATION

**BINUS University | 2023 – Present**

Computer Science

- GPA: 3.98 / 4.00.
- Currently Specializing in Intelligent Systems Streaming.
- Co-authored a research paper accepted at the GECOST International Conference 2025, presenting work on Comparative Analysis of Machine Learning Models for Estimating Li-ion Batteries State of Health.

**SMAS Mutiara Bangsa 1 | 2020 – 2023**

MIPA

- Grade: 85.15 / 100.00.

## CERTIFICATES

- **Belajar Dasar Data Science |** CERTIFICATE
- **Code Generation and Optimization Using IBM Granite |** CERTIFICATE
- **Build a Data Warehouse with BigQuery Skill Badge |** CERTIFICATE
- **Prepare Data for ML APIs on Google Cloud Skill Badge |** CERTIFICATE