



# WIDYA KHAERUNNISYAH

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Tangerang, Banten, Indonesia

I am an active, dedicated, and curious year 3 student of Computer Science Major, with a passion for learning new things and a strong willingness to embrace challenges. Currently, I serve as a laboratory instructor for the Database Systems and Computer Systems courses, managing two classes. I have a keen interest in Data Science, having taken a specialization course in Natural Language Processing (NLP) during my fourth semester. I am very enthusiastic about my future career in IT and look forward to any career opportunities.

## Education Level

**Universitas Tarumanagara**  - West Jakarta, DKI Jakarta, Indonesia

Aug 2022 - Aug 2026 (Expected)

*Undergraduate in Computer Science, 3.43/4.00*

- Successfully selected as a lab instructor for Database Systems and Computer Systems courses.
- Won the "Most Advanced Prototype" award in the Bootcamp Global Start-Up Hackathon 2024, a team competition organized by Reactor School in collaboration with Tarumanagara Enterprise.

**SMAN 2 Tangerang** - Tangerang, Banten, Indonesia

May 2018 - May 2021

*High School Diploma in Mathematic and Natural Science, 90.14/100.00*

- Member of KIR (Kelompok Ilmiah Remaja) extracurricular.

## Work Experiences

**Universitas Tarumanagara** - West Jakarta, DKI Jakarta, Indonesia

Aug 2024 - Present

*Laboratory Instructor of Database System Course*

- Lead & teach practical sessions in Database Systems course using Oracle SQL in Oracle RDBMS (SQL Developer and APEX) spanning more than 45 students.
- Assign and grade student assignments, take student attendance, record grades.

**Universitas Tarumanagara** - West Jakarta, DKI Jakarta, Indonesia

Aug 2024 - Present

*Laboratory Instructor of Computer System Course*

- Lead & teach practical sessions in Computer System practical course spanning more than 45 students.
- Assign and grade student assignments, take student attendance, record grades.

## Organisational Experience

**BEM FTI Untar** - West Jakarta, DKI Jakarta, Indonesia

Aug 2023 - Aug 2024

*Member of Secretariat Department*

Student Executive Board of the Faculty of Information Technology at Universitas Tarumanagara.

- Served as PIC for the Academic Department, managing documents and paperwork.
- Wrote and reviewed MoUs, proposals, and reports for the Secretariat Department.
- Handled inventory management and oversaw daily shifts for BEM FTI Untar.

**Seminar FTI Untar 2024** - West Jakarta, DKI Jakarta, Indonesia

Jan 2024 - May 2024

*Coordinator of Event Division*

Annual seminar and workshop event on information technology organized by BEM FTI Untar, targeting participants from high school and university students nationwide.

- Monitored and evaluated the event to ensure effective task execution by the team from pre-event preparations to event day.
- Managed event planning, including developing the overall concept, theme, and details.
- Created a timeline for team members' job responsibilities and drafted the event rundown.

**Desa Binaan FTI Untar 2024** - Bogor, West Java, Indonesia

Oct 2023 - Jan 2024

*Executive Secretary*

An annual event organized by BEM FTI Untar to improve the well-being of targeted village by enhancing infrastructure, providing basic necessities, promoting environmental cleanliness, and educating local residents, first held in 2024.

- Made event and sponsorships proposals, final report events, permits letter, and MoUs with vendor and sponsors.
- Acted as note-taker for all meetings.
- Oversaw the equipment division as the PIC.

**Minute-taker**

Rakerma (Rapat Kerja Mahasiswa) is an annual meeting held at the start of each new period by student organizations (ORMAWA), aims to evaluate and update the organization's bylaws (ADART) and allocate funds for planned extracurricular activities.

- Served as the minute-taker representing the BEM floor delegation.
- Recording all discussions in detail over the 3-day meeting.
- Documented key points, decisions, and action for each day.

**Welcoming Party 2023 - West Jakarta, DKI Jakarta, Indonesia**

Sep 2023

**Committee of Security & Medical Division**

Annual event organized by BEM FTI Untar aimed at strengthening the bond between new students, senior students, and alumni.

- Conducting inspections, ensuring the flow runs smoothly, and maintaining area security.

**PMB 2023 - West Jakarta, DKI Jakarta, Indonesia**

Aug 2023

**Mentor**

An annual event organized by FTI Untar to introduce the FTI Untar environment to new students.

- Guided and introduced a group of new FTI Untar students to the FTI Untar environment.
- Provided orientation on classrooms, lecturers, courses, class schedules, and academic terms.

**I/O Festival 2023 - West Jakarta, DKI Jakarta, Indonesia**

Dec 2022 - May 2023

**Committee of Partnership Division**

A major annual event organized by BEM FTI Untar featuring competitions in the field of IT.

- Sought sponsorship from various companies to support the event.
- Served as the PIC (Person In Contact) for Naremax Photobooth, which successfully sponsored the event.
- Helped in securing additional funding.

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**Skills, Achievements & Other Experience**

- **Hard Skills:** Experienced in Structured Query Language (SQL) using Oracle and PostgreSQL RDBMS.
- **Hard Skills:** Experienced in programming languages, including: C++, Java, Python, Flutter, Javascript, HTML/CSS, PHP, and Perl. Framework used (Laravel, node.js, Tailwind CSS, and Bootstrap). Tools used (VSC, Oracle SQL Developer, pgAdmin).
- **Soft Skills:** Problem solving, team work, attention to detail, and communication.
- **Achievements** (2024): Winner of the Boothcamp Global Start-Up Hackathon 2024 team competition organized by Reactor School with the title "Most Advanced Prototype".
- **Achievements** (2024): Successfully completed the course "The Complete SQL Bootcamp: Go from Zero to Hero" as taught by Jose Portilla, Pierian Training on Udemy.
- **Achievements** (2024): Successfully completed the course "The Complete 2024 Web Development Bootcamp" as taught by Dr. Angela Yu, Developer and Lead Instructor on Udemy.
- **Achievements** (2023): Participants of the Data Analyst Dash competition at the CompFest event organized by the University of Indonesia.
- **Projects** (2024): Front-End Web Programming (Personal Project): Built a portfolio Website using HTML, Tailwind CSS, and Javascript.
- **Projects** (2024): Natural Language Processing Course (Final Exam Group Project): "Automation Text Retrieval Using UiPath on Wattpad and Summarization Using the TextRank Algorithm" – Score: 90/100.
- **Projects** (2024): Software Development (Final Exam Team Project): Built a front-end flutter application with development methodology, timeline, diagrams, and prototype.
- **Projects** (2024): Back-End Programming Course (Final Exam Group Project): Developed a full-stack flower shop website "Vyes Fleur" using Laravel integrated with PostgreSQL, in collaboration with a local SME flower shop called Vyes Fleur from Batam - Score: 70/100.
- **Projects** (2023): Mobile Programming Course (Midterm Exam Group Project): Created a social media Twitter-like mobile application "Atlantic" using Flutter – Score: 82.5/100.
- **Projects** (2023): Big Data Course (Final Exam Individual Project): "Analyzing Sentiments in Book Sales Reviews on the Amazon Platform: A Sentiment-Based Semantic Analysis Approach" – Score: 88/100.
- **Projects** (2023): Mobile Programming Course (Final Exam Individual Project): Created a simple game project using Unity – Score: 73/100.
- **Projects** (2023): Front End Programming (Midterm Exam Team Project): Built a team description front-end website using HTML, CSS, Bootstrap Framework, and Javascript. – Score: 88/100.