



WIDYA KHAERUNNISYAH

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Tangerang, Banten, Indonesia

I'm a third-year Computer Science student with a strong commitment to learning and embracing new challenges. I have previously served as a laboratory instructor for the Database Systems and Computer Systems courses, managing two classes. Throughout my academic journey, I have actively participated in various organizations, developing leadership, communication, and teamwork skills. Additionally, I have worked on multiple IT projects, gaining practical experience and improving my problem-solving abilities. With a particular interest in Data Science and Natural Language Processing (NLP), I am eager to pursue a career in IT and explore new professional 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.
- Actived in Student Executive Board of the Faculty of Information Technology.

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 - Dec 2024

Laboratory Instructor of Database System Course

Laboratory Instructor of Faculty of Information Technology.

- Successfully led & taught practical sessions in Database Systems course, instructing over 45 students
- Successfully led & taught using Oracle SQL in Orace RDBMS (SQL Developer and APEX).
- Assigned and graded student assignments, took student attendance, recorded grades.

Universitas Tarumanagara - West Jakarta, DKI Jakarta, Indonesia

Aug 2024 - Dec 2024

Laboratory Instructor of Computer System Course

Laboratory Instructor of Faculty of Information Technology.

- Successfully led & taught practical sessions in Computer System practical course, instructing over 45 students.
- Assigned and graded student assignments, took student attendance, recorded 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.

- Successfully served as PIC for Academic Department, managing documents and paperworks.
- Successfully wrote and review MoUs, proposals, and reports.
- Successfully 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.

- Successfully monitored and evaluated the event to ensure effective task execution by the team from pre-event preparations to event day.
- Successfully managed event planning, including developing the overall concept, theme, and details.
- Successfully 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.

- Successfully made event and sponsorships proposals, permits letter, and MoUs with vendor and sponsors.
- Successfully acted as minute-taker for all meetings.
- Successfully created the final report for the program.
- Successfully oversaw the equipment division as the PIC.

Welcoming Party 2023 - West Jakarta, DKI Jakarta, Indonesia

Sep 2023

Comitte of Security & Medical Division

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

- Successfully conducted inspections, ensured smooth operations, and maintained area security.

Rakerma 2023 - West Jakarta, DKI Jakarta, Indonesia

Sep 2023

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.

- Successfully served as the minute-taker representing the BEM floor delegation.
- Successfully recorded all discussions in detail over the 3-day meeting.
- Successfully documented key points, decisions, and action for each day

PMB 2023

Aug 2023

Mentor

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

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

BEM FTI Untar - West Jakarta, DKI Jakarta, Indonesia

Dec 2022 - Jul 2023

Junior Member of Secretary Department

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

- Successfully served as the PIC for the Media and Information Department, managed content posting schedules and ensured timely updates.
- Successfully assisted senior members by creating and reviewing proposals and reports.

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

Dec 2022 - May 2023

Comitte of Partnership Division

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

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

Skills, Achievements & Other Experience

- **Hard Skills** : Experienced in Structured Query Language (SQL) using Oracle and PostgreSQL RDBMS, programming languages, including: C++, Java, Python, Flutter, Javascript, HTML/CSS, PHP, and Perl. Framework used (Laravel, node.js, react.js Tailwind CSS, and Bootstrap). Prog. tools used (VSC, Oracle SQL Developer, pgAdmin). Editing tools used (Figma & Canva). Advanced in Microsoft Office tools and Google Features tools.
- **Soft Skills**: Problem solving, team work, attention to detail, and communication.
- **Achievements** 🏆 (2024): Award of Final Exam Completion Database Programming with Oracle SQL
- **Achievements** 🏆 (2024): Certificate of Participation as a Lecturer in Tentier FTI Untar 2024
- **Achievements** 🏆 (2024): Certificate of Appreciation for Teaching Assistant in Computer Systems & Database Systems
- **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** 🏆 (2024): Winner of the Boothcamp Global Start-Up Hackathon 2024 team competition organized by Reactor School with the title "Most Advanced Prototype".
- **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): 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** (2024) : Software Development (Final Exam Team Project): Built a front-end flutter application with development methodology, timeline, diagrams, and prototype. - Score: 92/100.
- **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: 92/100.
- **Projects** (2023): Mobile Programming Course (Midterm Exam Group Project): Created a social media Twitter-like mobile application "Atlantic" using Flutter – Score: 82.5/100.