

Grace Oktaviani Kindy 吴玮燕

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PROFILE

A self-driven and adaptable Computer Science student passionate about leveraging technology and data to solve real-world business challenges. Experienced in software development, data analytics, and cross-functional collaboration through internships and leadership roles, demonstrating critical thinking and an entrepreneurial mindset in project execution and team management.

TECHNICAL SKILLS

- **Programming & Analytics:** Python, SQL, JavaScript
- **Data & ML Tools:** Scikit-learn, TensorFlow, Keras
- **Web Development:** Flask, Streamlit, HTML, CSS
- **Productivity & Collaboration:** Git, Docker, Microsoft 365, Figma, Canva
- **Languages:** Indonesian (Native), English (Fluent), Mandarin (Elementary), BISINDO (Elementary)

PROFESSIONAL EXPERIENCE

Application Developer Intern | PT Bank Central Asia, Tbk

Sep 2024 – Aug 2025

- Designed and developed an investment-focused web application using Flask and Streamlit with interactive features such as user history tracking, enhancing user accessibility and engagement.
- Built and consolidated **7 modular RESTful APIs** to streamline data flow across multiple features, improving integration efficiency and maintainability.
- Developed **predictive models** for two types of bonds using **time-series forecasting techniques**, supporting data-driven investment decisions.

EDUCATIONAL BACKGROUND

BSc in Computer Science | Bina Nusantara University

2021 – 2025

- Grade: **3.73 / 4.00**
- Relevant courses: Business Analytics, Machine Learning, Artificial Intelligence, Software Engineering, Data Mining, Managing Growing Business
- Awards: **SeaUni Scholarship** (SeaBank Indonesia, 2023)

Exchange Program | University of Nottingham Ningbo China

Feb – Jun 2024

- Selected as **1 of 2 Computer Science students** for international exchange.
- Relevant courses: Game Theory, Computer Security, Mobile Device Programming
- Awards: **UNNC Mobility Scholarship** and **Ningbo Government Scholarship**

LEADERSHIP & COMMUNITY INVOLVEMENT

First Year Program Leader | BINUS University

Mar 2022 – Jul 2023

- Led and coordinated **60+ mentors** supporting **600+ computer science freshmen** in BINUS @ Alam Sutera.
- Standardized processes across faculties to improve consistency and engagement.
- Managed the administration of **8000+ Freshmen** during Orientation and Transition Program (OTP).

Head of LABYRINTH 2023 | Badminton BINUS

Sep 2022 – Feb 2023

- Led a **20+ member committee** to design and execute a leadership training event for new organization activists.
- Developed event concepts, workflows, and promotion strategies that boosted participation and visibility.
- Ensured timely coordination across divisions, achieving full program delivery under schedule and budget.

Coordinator of Visualization TECHNO 2022 | HIMTI BINUS

Apr 2022 – Sep 2022

- Led a **15+ member creative team** through concept development, production, and post-production to deliver a short film presented to **800+ School of Computer Science freshmen** at the annual welcome event.
- Enhanced event storytelling and student engagement through high-quality digital content.

PUBLICATIONS

Word-Level BISINDO: A Novel Video Indonesian Sign Language Dataset and Baseline Methods

Nov 2025

- Developed a publicly available dataset of **1,600 RGB videos** covering 32 BISINDO signs and **Transformer-based baseline models**, contributing to inclusive sign language research in Indonesia.

Deep Learning Architectures for Facial Emotion Analysis

Dec 2023

- Built and evaluated **CNN-based models** for emotion recognition using facial expression datasets.
- Identified high-performing architectures and highlighted implications for human-computer interaction research.

ACHIEVEMENTS AND CERTIFICATES

- **Xperience NUS B'School Summer Programme**, NUS – Jun 2024 | Introductory master's program with business classes, career sessions, and cultural activities
- **IELTS Academic** – May 2023 | Band **7.5 / 9**
- **Top 50**, ICPC Asia Jakarta Regional Contest – Dec 2022 | Solved 4 of 13 problems
- **Introduction to Product Management**, RevoU – Dec 2021 | Fundamentals of product management