LIM BODHI WIJAYA

Undergraduate Information System Student at University of Indonesia

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EDUCATION

University of Indonesia *Aug 2022 - Jul 2026 (expected)*
Bachelor of Computer Science Cumulative GPA: 3.73/4.0
Related coursework: Artificial Intelligence Foundation, Statistics and Probability, Business Intelligence, Information Technology Project Management

EXPERIENCE

Head of Non Techinal Department *Jan 2023 - Present*
Autonomous Marine Vehicle Team

- Managing the managerial division to help secure funding and administration for our robotics team to compete both in national and international competitions.
- Manage to secure more than 50 millions funding from sponsorships.
- Maintain team's schedule to ensure smooth process during the development until the competition itself.

Head of IT and Ops Department *Jul 2023 - Present*
Yayasan Nithya Bhaskara Widya (TASLA Scholarships)

- Managing the team to handle ops related functions (Updating associates database, and managing TASLA's Website.
- Managing New Scholarships Awardee Recruitment Process. In 2024, there're around 153 Applicants who're interested in TASLA Scholarships programee.
- Managing the mentorship teams to conduct around 8 mentorship program during 2024, with several C-Level speakers (Peng T. Ong, Tri Ahmad Irfan, David Soong, etc).

Teaching Assistant of Introduction to Operating System *June 2024 - Jan 2025*
University of Indonesia

- Assist 184 undergraduate students on accomplishing operating system foundation class.
- Prepare material, creating exercise module, grading, and performing additional classes weekly.

Teaching Assistant of Introduction to Computer Architecture *Feb 2024 - June 2024*
University of Indonesia

- Assist 200 undergraduate students on accomplishing computer architecture foundation class.
- Prepare material, creating exercise module, grading, and performing additional classes weekly.

Peer Tutor of Introduction to Computer Architecture *Feb 2024 - June 2024*
University of Indonesia

- Assist 36 undergraduate students on accomplishing computer architecture foundation class.
- Prepare material for weekly tutoring to help student to understand on new concept from classes.

HONOR AND AWARDS

Silver Medalist of ICT Scientific Paper GEMASTIK XVII *Sep 2024*
Issued by Ministry of Education, Culture, Research, and Technology (Indonesia)

- Secured **2nd place out of 386 teams** in the national ICT scientific paper competition.
- Conducted research on implementing Vector Symbolic Architecture approach for silent speech classifier using EEG signal.
- Proposed a new rule for Vector Symbolic Architecture model training scheme to improve reasoning ability without raising the model complexity.

Silver Medalist of ICT Scientific Paper GEMASTIK XVI *Sep 2023*
Issued by Ministry of Education, Culture, Research, and Technology (Indonesia)
- Secured **2nd place out of 322 teams** in the national ICT scientific paper competition.
- Conducted research on integrating BiLSTM with BERT to enhance fake news detection performance.
- Proposed a new Indonesian fake news dataset scraped from cybercrime-focused NGO.

OTHER
Finalist of RISTEK Datathon 2023 *Aug 2023*
Issued by RISTEK Fasilkom University of Indonesia
- Reached the top-12 as a finalist out of more than 100 teams.
- Incorporated a dual-cumulative foreground method into the pre-trained YOLO model to detect and track illegally parked cars on Indonesian streets.

TASLA Scholarships Recipient *June 2023 - Present*
Issued by Yayasan Nithya Bhaskara Widya
- Being selected as one of the two TASLA Scholarships recipient among 150++ students from UI and ITB.

PROJECTS

Literasea GitHub-Repository
A bookstore web app for Platform-Based Programming's (PBP) midterm group assignment, created using Django as a web framework and Tailwind CSS as the frontend framework. Literasea's web app is chosen by the lecturers as one of the Best Web Applications of the term's PBP.

Pacilflix
A Django-based web application for Databases course about an online streaming service mockup. Made without using Django's models, instead uses raw SQL queries and connects to an external PostgreSQL server using psycopg2 module.

SKILLS

Programming
Python, Java, HTML, CSS, PostgreSQL, Django, Flutter, Spring Boot

Software/Application
DBeaver (DBMS), Notion, Odoo, Google Cloud Platform

Language
Language: Indonesian (Native), English (Fluent - IELTS Overall Score 7.0)