

# Karldritz Farrel Hanson

Jakarta, Indonesia

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## EDUCATION

### BINUS University

*Bachelor, Computer Science*

September 2022 - June 2026

*Alam Sutera, Tangerang*

- 3.59/4.0 GPA.
- Studied abroad in Taipei, Taiwan during spring 2025 semester (Chang Gung University)

## WORK & LEADERSHIP EXPERIENCE

### HIMTI (Himpunan Mahasiswa Teknik Informatika)

2023 - 2025

*Academic Events Activist*

*Tangerang, Indonesia*

- Assisted and participated in multiple events, including seminar, workshops, and other organizational events. Operated event technicals and collaborated with various parties.
- Chairman of HILET 2024. Led and coordinated the event.

### BINUS University

*Mentor (Student Advisory and Support Center)*

September 2024 – January 2025

*Tangerang, Indonesia*

- Guided and encouraged mentees academically for better performance.
- Taught course materials that mentees struggled with, achieved improved results in test scores.

### Digdaya Duta Digital

*Research Intern*

August 2022 – January 2023

*Jakarta, Indonesia*

- Analyzed the codebase of the e-learning platform. Participated in the development and assessment.
- Formed a report regarding the use of AI and ML as a potential for business development.

### Cyberindo Aditama

*Research Intern*

May 2021 – May 2022

*Jakarta, Indonesia*

- Conducted research on the behavior of students during online learning through surveys and investigation.
- Assembled a team to propose a solution to improve student behavior by using a learning-focused device.

## SKILLS

Technical Skills	: Machine learning, Cloud computing, Web development, Quantum computing, Data science
Programming Languages	: C, C++, Java, JavaScript, TypeScript, HTML, CSS, PHP, Python, Go, R, SQL
Programming Frameworks	: ReactJS, NextJS, Laravel, Tailwind, TensorFlow, PyTorch, Keras
Tools & Platforms	: SPSS, Power BI, Git, Docker, Lambda
Soft Skills	: Leadership, teamwork, public speaking, teaching, flexibility

## PUBLICATIONS

- K. F. Hanson, K. K. Al Biruni, Anderies and A. Chowanda, "Simulation-Based Optimization of Autonomous Vehicles Using Genetic Algorithm," 2024 6th International Conference on Cybernetics and Intelligent System (ICORIS), Surakarta, Indonesia, 2024, pp. 1-6, doi: 10.1109/ICORIS63540.2024.10903833.

## CERTIFICATIONS

- Alibaba Cloud Associate (ACA) Cloud Computing 2024
- Fundamentals of Deep Learning NVIDIA 2024
- IELTS 7.5 Band Score 2024

