

# Karldritz Farrel Hanson

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## EDUCATION

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### **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

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### **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.
- Managed two mentees at the same time, 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

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Technical Skills	: Machine learning, Cloud computing, Web design, Quantum computing, Computer vision, SPSS
Programming Languages	: C, C++, Java, JavaScript, TypeScript, HTML, CSS, PHP, Python, Go, R
Programming Frameworks	: ReactJS, NextJS, Laravel, Tailwind, TensorFlow, PyTorch, Keras
Soft Skills	: Leadership, teamwork, public speaking, teaching, flexibility

## PUBLICATIONS

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- 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

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