

Muhammad Haekal Muhyidin Al-Araby

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Education

Sepuluh Nopember Institute Of Technology Aug 2022 – 2026 (Expected)
Bachelore of Computer Engineering

- GPA: 3.65/4.0
- Major GPA: 3.8/4.0
- Coursework: Operating System (A), Computer Architecture (A), Computer Security (A), Embedded System (A), Data Structure (A), Computer Network (AB) Database (AB),

Experience

Computer Engineering Department & Faculty of Medics, Sepuluh Nopember Institute of Technology Sept 2024 – Feb 2025
Backend Software Engineer

- Designed, implemented, and deployed system for efficiently storing large digital imaging of cancer cell.
- Wrote 900+ LOC

Computer Engineering Department, Sepuluh Nopember Institute of Technology & SDDPI Komdigi July 2024 – Jan 2025
Backend Software Engineer

- Designed and implemented system for efficiently finding anomaly in SDPPI database.
- Wrote 1000+ LOC

Computer Engineering Department, Sepuluh Nopember Institute of Technology Aug 2024 – Jan 2025
Teaching Assistant for Computer Security

- Graded Mid-Term and Final Exam of 2 classes for the total of more than 70 students.

Computer Engineering Department, Sepuluh Nopember Institute of Technology Aug 2024 – Dec 2024
Teaching Assistant for Basic Programming

- Overlooked 8 session of practicum consist of more than 25 students each.
- Gave additional assistance for 6 groups consist of 5-6 students each.
- Graded the work of over 30 students.

Computer Engineering Department, Sepuluh Nopember Institute of Technology Jan 2024 – Jun 2024
Teaching Assistant for Digital Circuit

- Overlooked 4 session of practicum consist of more than 30 students each.
- Gave additional assistance for 9 groups consist of 3-4 students each.
- Graded the work of over 27 students.

Computer Engineering Department, Sepuluh Nopember Institute of Technology Aug 2023 – Dec 2023
Teaching Assistant for Basic Programming

- Graded the Final Exam of over 70 students.

Projects

Technical Skill

Languages: C, Python, Javascript, C++ , Go, C#, Shell, Lua

Platform/Libraries: Tensorflow, Keras

Database: PostgreSQL, MongoDB

Misc: Arduino, Platformio, ESP32, Unity3D

References
