AELBERTH CHEONG

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I am a Computer Science undergraduate student at Universitas Mikroskil Medan with an interest in backend development, algorithms, and data structures. Currently undergoing in building REST APIs, competitive programming (CP), and working with multiple programming languages including Go, C++, and Python. Passionate about improving my technical skills through real-world projects, and competitions.

EDUCATION

Universitas Mikroskil   **September 2024 – Now**
Teknik Informatika
Current GPA: 3.85 out of 4.00

ORGANIZATION

Mikroskil Programming Club – Active Member   **September 2024 – Now**
- Participates regularly in Competitive Programming (CP) trainings
- Top 50 – SCPC Compfest 17
  Achieved the top 50 placement in a competitive national-level programming contest on my second semester

PROJECTS

REST API Development Project   **In-Progress**
- Developing a REST API using Go
- Implements routing, middleware, controllers, and database integration
- Uses Git/Github for version control, issues, and workflow management

Wordle (Terminal-based Game)   **2025**
A Python Wordle implementation using MVC architecture

- Designed and implemented an ANSI-styled terminal game with a clean MVC structure
- Separated logic between model, view, and controller to improve maintainability
- Demonstrated strong Python fundamentals and experience building interactive CLI applications

Grab   **2025**
A grep-like command-line utility built with Go

- Implemented a text-searching tool that matches lines using regular expressions
- Utilizes Go's standard library (regexp, bufio, os, flags) for efficient I/O and pattern matching
- Built with performance and simplicity in mind, mimicking core functionalities of Unix grep

CERTIFICATIONS

IBM SkillsBuild | Web Development Fundamentals   **2025**

SKILLS

Languages: Bahasa Indonesia, and English
Technical Skills: Office 365, Git, Github, C/C++, Go, HTML5/CSS, Javascript, APIs, SQL, MySQL.
Soft Skills: Analytical and critical thinking, effective problem-solving, inter-divisional teamwork, and organized documentation.