



AELBERTH CHEONG

Medan, Indonesia | (+62) 851-5646-2870 | aelberth.cheong@outlook.com
github.com/albertcheong | aelberthcheong.dev

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 Teknik Informatika Current GPA: 3.85 out of 4.00	September 2024 – Now
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ORGANIZATION

Mikroskil Programming Club – Active Member <ul style="list-style-type: none">Participates regularly in Competitive Programming (CP) trainingsTop 50 – SCPC Compfest 17 Achieved the top 50 placement in a competitive national-level programming contest on my second semester	September 2024 – Now
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PROJECTS

REST API Development Project <ul style="list-style-type: none">Developing a REST API using GoImplements routing, middleware, controllers, and database integrationUses Git/Github for version control, issues, and workflow management	In-Progress
Wordle (Terminal-based Game) <i>A Python Wordle implementation using MVC architecture</i> <ul style="list-style-type: none">Designed and implemented an ANSI-styled terminal game with a clean MVC structureSeparated logic between model, view, and controller to improve maintainabilityDemonstrated strong Python fundamentals and experience building interactive CLI applications	2025
Grab <i>A grep-like command-line utility built with Go</i> <ul style="list-style-type: none">Implemented a text-searching tool that matches lines using regular expressionsUtilizes Go's standard library (regexp, bufio, os, flags) for efficient I/O and pattern matchingBuilt with performance and simplicity in mind, mimicking core functionalities of Unix grep	2024

CERTIFICATIONS

IBM SkillsBuild Web Development Fundamentals	2025
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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.