

# MIGUEL MALELANG



miguellouis.lm@gmail.com



+65 9824 5934



LinkedIn



Github/pizzackz

## PROFILE

An independent and driven student seeking an internship position. I'm passionate about crafting innovative ideas, and transforming them into working solutions that solve real-world problems. I also like to find efficient ways of doing things.

## EDUCATION

### Diploma in Cybersecurity and Digital Forensics

Nanyang Polytechnic (Studying 2023 - Present)

## WORK EXPERIENCE

### Retail Associate at Challenger

Jan 2023 to Aug 2023

Primary Job Scope:

- Assist customers
- Display of merchandise and price-tagging

## PROJECTS

### Mocha (Jan 2024)

- An autoclicker with configurable click intervals and looping functionality
- Developed using Python

### Project Shining Knight (Jan 2024) [Venture Scout Initiative]

- Developed a website to raise awareness on the issue of house hoarding
- Developed using HTML, CSS and JavaScript

### Tastefully 2.0 (Oct 2023 to Feb 2024)

- A web application for users to create and share recipes with security built in mind
- Developed Recipe Database, Recipe CRUD, Recipe Searching, Admin Panel for Recipes, AI Recipe Creator
- APIs: Google Gemini, Charts.js, TinyMCE
- Developed using HTML, CSS, JavaScript, Bootstrap, Python Flask, and mySQL

### VirtuTrade (Sep 2024) [Won 2nd for Code Overflow Hackathon 2024]

- An online brokerage platform that allows users to trade real stocks at real-time data with demo money
- Developed Stock View, Stock Search, Stock Trading frontend and backend, Portfolio backend
- APIs: YahooFinance, Finnhub, Alpaca
- Developed in 3 days using Vite+React.js, Express.js, Node.js, ShadCN, Tailwind, mySQL

## SKILLS

- Leadership
- Problem-Solving
- Project Management
- Design Thinking
- Ideation
- Attention-to-Detail
- Adaptable

## TECHNICAL SKILLS

- Web Development and Design
- Programming: Python, Javascript
- Databases (SQL)
- Data Structures and Algorithms
- Full-Stack Dev: React.js, Node.js
- Experience in Linux Tools
- Microsoft Office Tools

## STUDENT ACTIVITIES

### L'Hexagone French Club

Treasurer (2024-Present)

### School of Information Technology Club

Vice-President (2024-Present)

## ACHIEVEMENTS

### Python Certified Entry Level Programmer (PCEP)

### AI Singapore Literacy in AI

### NYP O-Level Pathway Scholarship

## COMPETITIONS

### NYP Infosec CTF Dec 2023 (Won 3rd place for Y1)

### LHL Smart Nation Competition 2024

### NYP Code Overflow Hackathon 2024 (Attained 1st Runner-Up)