Phua Yu Cheng

@John Phua

PROFILE

Gender   : Male
Date of Birth : 2 January 2004
Religion   : Buddhist
Race   : Chinese
Address   : Ulu Tiram, Johor
Nationality   : Malaysian

CONTACT

Phone   : +6013-7323888
Email   : johnphuayc@gmail.com
LinkedIn : linkedin.com/in/johnphuayc

LANGUAGE

Malay
English
Chinese
CEFR: Grade B2 (SPM)

INTEREST & HOBBY

Enjoy sporting activities to improve endurance, focus, and resilience while maintaining a healthy lifestyle. Apply analytical thinking to solve problems, lead and coordinate events to strengthen leadership and teamwork abilities, and explore new technologies to build technical expertise. Dedicated to continuous learning and keeping up with industry trends to support personal and professional growth.

EDUCATION

UNIVERSITI TEKNOLOGI MALAYSIA, SKUDAI, JOHOR

Jul 2023 – May 2026
Diploma in Computer Science
CGPA – 3.99
Honors: Dean's List, Student Representative Council UTM

SMK TAMAN PELANGI INDAH, ULU TIRAM, JOHOR

Jan 2017 – Mar 2022
Sijil Pendidikan Malaysia (SPM) – Accounting & Art Stream.
3A, 1A-, 2B+, 3B
Honors: Outstanding Co-curricular Award (Uniformed Unit)

SJK (C) TIRAM, ULU TIRAM, JOHOR

Jan 2010 – Nov 2016
Ujian Pencapaian Sekolah Rendah (UPSR)
3A, 3B, 2C

EXPERIENCE

E-GAYA JAPANESE RESTAURANT | Chef

Mar 2022 – Feb 2023
Managed cashier operations including payment processing and receipt handling. Prepared high-quality dishes, monitored stock levels, ensured ingredient freshness, and maintained accurate inventory records.

CHAXIXI CAFÉ | Barista & Cook

Oct 2019 – Jul 2021
Prepared and served beverages and food items according to standard recipes. Maintained cleanliness, organized work areas, and assisted with kitchen setup to ensure smooth daily operations.

FENG CHIA CRYSPY CHICKEN CHOP | Cashier & Cook

Nov 2018 – Jul 2019
Oversaw daily kitchen activities, prepared menu items, and ensured food safety compliance. Handled inventory control, tracked ingredient usage, and replenished supplies to meet operational needs.

Career Transition:
Currently transitioning into the field of computer science, applying problem-solving, analytical, and teamwork skills while learning emerging technologies to create effective real-world solutions.

TECHNICAL KNOWLEDGE

Technical Skills

Cloud & Backend Services
Computer Hardware
Cybersecurity Fundamentals
Data Analysis
Internet of Things
Mobile Application Development
Photo & Video Editing
UI/UX Design & Prototyping
Web Application Development

Programming Language

Python, C, C++, Assembly Language, Java, PHP, SQL, HTML, CSS, JavaScript, VB.NET

COMPUTING SKILLS

Documentation / Productivity

Microsoft Word, Excel, PowerPoint, Project, Visio, Google Docs, Slides, Sheets, Figma, Canva, Draw.io, Lucidchart

Photo & Video Editor

Adobe Photoshop, Premiere Pro, Lightroom, CapCut, Jian Ying, GoPro Quik, DJI Mimo, Hypic, InShot, SnapSeed

Programming Editor

Dev-C++, Microsoft Visual Studio, Visual Studio Code, Android Studio, Cursor, XAMPP Control Panel, Replit, Jupyter Notebook, Google Colab, TextPad, Notepad++, LabEx

Project Management

Trello, Github, Github Desktop, ProjectLibre

Others

Raspberry Pi

ACHIEVEMENTS

UNIVERSITI TEKNOLOGI MALAYSIA

2025

Jun	: Dean's List, Diploma Semester 4 (2024/2025)
Jan	: Dean's List, Diploma Semester 3 (2024/2025)

2024

Dec	: UTM SPACE Entrepreneurship Grant
Jun	: Dean's List, Diploma Semester 2 (2023/2024)
Jan	: Dean's List, Diploma Semester 1 (2023/2024)

SMK TAMAN PELANGI INDAH

2019

Apr	: Outstanding Co-curricular Award (Uniformed Unit), 5th Place – Johor State Level Marching Competition (MSSJ)
	: 3rd Place – Pasir Gudang District Marching Competition (MSSD)
Mar	: 1st Place – Uniformed Unit Marching Competition

2018

Apr	: 2nd Place – Pasir Gudang District Marching Competition (MSSD)
Mar	: 1st Place – Uniformed Unit Marching Competition

2017

Aug	: 3rd Place – Patriotic Song Choir Competition
Apr	: 1st Place – Solar Cooker Competition, STEM Carnival
Feb	: 1st Place – 14th Athletics Championship Marching Competition

SJK (C) TIRAM

2016

Jun	: 4th Place – 3x3 Basketball Competition
Jan	: Excellence Award – Newspaper Scrapbook Competition

LEARNING CERTIFICATE

2025

Aug	: Generative AI Fundamentals, Databricks
	: Using AI to Automate Repetitive Tasks and Save Time, MOHR
	: Literacy in AI, AI Singapore
	: AI Project Lifecycle, AI Singapore

2024

Sep	: GeoAI Masterclass, PGS FAI 23/24, UTM
Aug	: Research Commercialisation and Costing, PGSS FS 23/24, UTM
Apr	: AI for Product Management, Google Cloud x Pendo
Mar	: AI for Literature Review & Research, PGSS MJIIT 23/24, UTM
Jan	: AI Appreciation & Award, AI Untuk Rakyat x MyDigital x Intel

2018

Jun	: Basic First Aid, St.John Ambulans Malaysia

DIPLOMA
FINAL YEAR PROJECT

Title
KaiFeedCat (KFC)
Smart Pet Feeder System

Type
Network – Embedded System (IoT).
With Mobile Application

Description
An IoT-based solution using Raspberry Pi 5 with servo motor, ultrasonic sensor, camera, and speaker to enable remote pet feeding and monitoring via a mobile app. Integrated Google Firebase for real-time data storage, live video streaming, feeding schedules, history tracking, low food alerts, and user account management for both users and administrators.

REFERENCE

Ts. Nik Maria binti Nik Mahamood
Deputy Dean (Development),
School of Professional and
Continuing Education (SPACE),
Universiti Teknologi Malaysia,
80310 Skudai, Johor.

Contact No: +607–531 8010
Email: maria.kl@utm.my

Dr. Seah Choon Sen
Lecturer
Department of Applied Computing
& Artificial Intelligence,
Faculty of Computing,
Universiti Teknologi Malaysia,
80310 Skudai, Johor.

Contact No: +6016-414 5774
Email: seahcs@utm.my

LEADERSHIP

2024
Nov : Student Representative Council (MPP), UTM JB
Mar : Multimedia, Club of Diploma SPACE (CL.ODS), UTM JB

2021
Jan : President, Photography Club, SMK TPI

2019
May : The 48th YCA Leadership Camp, SMJK YOK BIN, Melaka

2018
Dec : The 47th YCA Leadership Camp, Poi Lam High School, Perak
Jun : The 46th YCA Leadership Camp, Chung Hua High School, Selangor
Feb : Class Representative 2 Progressive 4, SMK TPI
Jan : Cadet Lance Corporal St. John Ambulance Malaysia, SMK TPI

2017
Jan : Class Representative 1 Progressive 3, SMK TPI
: Secretary, Music Club, SMK TPI

EXTRACURRICULAR

2025
Jul : Head of Operations – Orientation Week 25/26, UTM SPACE JB
: Director – Go Green: No Plastic July, UTM JB
: Director – Dato x Village Head: Sharing Session, UTM JB
Jun : Award Presenter – FUN FEST' 25, UTM JB
: Guest – AGM, Iskandar Malaysia Youth Sustainability Network
: Motion Proposer – Student Parliament 2nd Sitting 24/25, UTM JB
May : VIP Guest – Working Visit of YB Adam Adli, Equine Park, UTM JB
Mar : Vice Director – Student Mobility Shutter to Senai Airport, UTM JB
: Contributor – CSR Digitalization Program, SK Kampung Chamek
Jan : Parliament Member – Student Parliament 1st Sitting 24/25, UTM JB

2024
Mar : Participant – UTM X Hackathon' 24
Feb : Participant – MYStartup NXT Johor Bahru

2019
Apr : Student Helper – Pasir Gudang District Chinese Carnival (MSSD)
: Trainee – Junior NBA, Malaysia Basketball Association KL
Feb : First Aid Helper – Athletics Championship 15th SMKTPI

2018
Jul : Contributor – "Orchid Walkway" Beautification Project, SMKTPI
: Contributor – "Cowboy Town" Co-curricular Carnival, SMKTPI
May : Photographer – Elite Taekwondo Open Championship, Johor Jaya
Apr : Student Helper – Pasir Gudang District Chinese Carnival (MSSD)
: Participant – Pasir Gudang District Bowling Competition (MSSD)

2017
Jul : Sales Manager – Co-curricular Charity Carnival, SMKTPI
Apr : Participant – Robotics Design Competition, SMKTPI