

MYO THET TUN

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<https://danieltunpersonal.netlify.app/home>

A passionate and multidisciplinary Information Technology student at Republic Polytechnic with strong interests in AI development, cybersecurity, web applications, and emerging technologies. Demonstrates consistent leadership, creativity, and empathy through diverse experiences from leading the RP Taekwondo team to the national quarterfinals, hosting and promoting Drone Soccer, and volunteering to teach seniors and students about technology and engineering. Known for being proactive, adaptable, and community-minded, with a genuine desire to use technology to help others and make a positive impact.

Education

IGCSE O-level · Yangon Education Creation Corner

2022-2023

Skills

Soft Skills :

Decision-Making · Creativity · Problem-Solving · Critical Thinking ·
Communication · Collaboration · Customer Service · Self-Motivation

Technical :

Database Management (SQL) · Mobile Development ·
Programming Languages · Prototyping · Web Services & APIs ·
Web Development Technologies ·
Machine Learning & Artificial Intelligence ·
Continuous Integration/Continuous Delivery (CI/CD)

Work Experiences

Jul 2024 - Present

Bartender and waiter · EN Group (Jewel)
• Adapted service style to accommodate varying customer group sizes, ensuring timely and accurate food delivery for parties of all sizes
• Trained new staff on customer service best practices and mocktail preparation, fostering a collaborative team environment and improving service consistency.
• confidently creating the mocktails and able to deliver quality drinks to the customers.

Jan 2025 - Mar 2025

Barista · Starbucks (Orchard)
• Crafted high-quality beverages consistently, ensuring adherence to Starbucks standards and enhancing customer satisfaction.

Projects

Personal Website

<https://danieltunpersonal.netlify.app/home>

Jan 2025 - Present

A personal portfolio website designed to showcase skills, achievements, and personal growth. It features an interactive layout with sections for projects, experience, and personal stats inspired by RPG-style attributes like Knowledge, Charm, and Proficiency. The site serves as both a digital résumé and a reflection of continuous self-improvement.

Key Features

Personal Dashboard: Highlights skills, stats, and milestones.

Project Showcase: Displays completed and ongoing works with details.

Responsive Design: Optimized for both desktop and mobile devices.

Interactive Interface: Persona-style stat visuals for an engaging experience.

Technologies Used: HTML, CSS, JavaScript, React

Open house Meme generator

<https://github.com/Sweekwang/OH-Meme-dashboard>

A Meme Generator built with MCP (Model Context Protocol) that lets users create, caption, and remix memes using AI tools exposed as MCP servers. It streamlines template selection, smart caption suggestions, and quick exports for sharing.

Key Features

Template Library: Browse popular meme templates.

AI Caption Assist (MCP Tool): Generate punchy captions, variations, and tone tweaks.

Layered Editor: Drag/resize text, set outlines, adjust placement.

Batch Mode: Produce multiple caption variants in one go.

Export & Share: Download PNG/JPEG or copy to clipboard.

History & Favorites: Save drafts, reuse top-performing memes.

PMI drone soccer shop

- Developed and implemented a comprehensive business plan for a 10 by 10 drone soccer shop, utilizing project management tools like Trello and Asana to track progress and milestones.

Poly C

- A community-based website designed for Republic Polytechnic students to share experiences, collaborate, and connect. The platform encourages interaction through event organization, shared notes, and advice exchanges, fostering a more supportive and engaging student environment.

• Key Features

- Filter by School and Diploma: View posts and content specific to your school or course.
- Share Experiences and Advice: Post personal stories, guidance, or questions to connect with peers.
- Create and Join Events: Organize study groups, hackathons, or community activities.
- Notes Section: Share and access helpful study materials, monitored by AI and moderators.
- Earn Points: Contribute content to earn points redeemable for rewards.

VR escape room project

A VR escape room game set in a mysterious Japanese environment featuring an old traditional house, shrine, and serene garden. Players explore, solve puzzles, and uncover hidden stories tied to emotions like regret, anger, and acceptance all within an immersive, atmospheric setting.

Key Features

Oct 2025 - Present

Nov 2025 - Present

Oct 2025 - Present

Jul 2025 - Aug 2025

Immersive Japanese Setting: Experience authentic architecture, ambiance, and sound design inspired by traditional Japan.

Puzzle Mechanics: Interactive challenges that blend logic and exploration.

Emotional Storytelling: Unravel themes of regret, anger, and acceptance through gameplay.

VR Interaction: Realistic object handling and movement using the XR Interaction Toolkit

Technologies Used: Unity, C#, XR Interaction Toolkit, Blender

WiseGuard

Apr 2025 - Jun 2025

https://github.com/Danieltun-ctrlc/Brainhack_WiseGuard

- WiseGuard is a comprehensive cybersecurity mobile application that promotes awareness, community-driven intelligence, and real-time scam reporting. It empowers users to stay informed, report threats, and strengthen their cybersecurity knowledge through AI-powered analysis, real-time trends, and interactive learning features.

Key Features

- Cyber Threat Updates: Stay informed with Trends that highlight the most discussed and emerging cyber threats.
- Community Posting: Share cybersecurity-related insights verified by AI to ensure credibility.
- Smart Reporting: Submit scam incidents with images; the AI analyzes patterns and summarizes trending reports.
- Threat Assessment Protocol: An interactive chatbot guides users through reporting suspicious activities.
- Learning Hub: Take quizzes, earn XP, climb leaderboards, and access an offline library of cybersecurity resources.

Technologies Used: TypeScript, React Native, Python (Flask), React, JavaScript, SQLite, OpenRouter (Gemini)

Personal stats

May 2025 - May 2025

https://github.com/Danieltun-ctrlc/personal_stats

A personal growth website where users can input and track their stats such as Knowledge, Guts, Charm, Proficiency, Thinking, and Kindness, on a dynamic dashboard. It helps users visualize their self-improvement journey and stay motivated to level up in every aspect of life.

Key Features

Stat Dashboard: Track and update personal growth attributes.

Progress Visualization: View improvement trends over time.

Motivation System: Encourage consistent self-development through gamified stats.

trash turns website

Mar 2025 - Mar 2025

<https://github.com/Danieltun-ctrlc/trashturn>

A website for apartment roommates that displays real-time updates on household chores. It helps everyone stay organized by showing whose turn it is to take out the trash or complete shared tasks.

Key Features

Real-Time Updates: Instantly shows the current task owner.

Task Rotation: Automatically assigns turns among roommates.

User Dashboard: Simple interface to view and manage chores.

Feb 2025 - Mar 2025

Animal Population Prediction

<https://github.com/Danieltun-ctrlc/AnimalPrediction>

A Python program that estimates the future population of specific animal species based on user-inputted years (from 2025 onward). It visualizes population trends using data analysis and predictive modeling.

Key Features

Population Estimation: Predicts animal populations for selected years.

Visual Graphing: Displays population trends using clear, interactive graphs.

Decay Prediction Model: Applies a decay-based algorithm for realistic forecasting.

Technologies: Python, Pandas, NumPy, Matplotlib (Pyplot)

Jan 2025 - Jan 2025

HushWave App Prototype

A smart application designed to help ADHD students improve concentration by filtering out distractions. It removes unwanted background noise while keeping important voices clear and focused.

Key Features

Voice Isolation: Filters background sounds, keeping only selected voices.

Group Mode: Reduces distant noise to focus on nearby conversations.

Focus Mode: Blocks all external sounds for deep concentration.

Dec 2024 - Dec 2024

Confi

<https://github.com/Danieltun-ctrlc/hackathon>

- A community-driven website that encourages kindness by letting users post or accept help requests, earn points, and redeem rewards. Users can also create or join events to share happiness and connect with others.

Key Features

- User login and sign-up
- Post and accept help requests
- Create and join community events
- Redeem gifts using earned points

Python/ BootstrapFlask/ Flask/ Bootstrap 5/ WTForms/ Jinja Engine/ CSS/ HTML

Dec 2024 - Dec 2024

Snake Game

- The snake is the central dynamic entity of the game, controlled directly by the player.
- It continuously moves across the screen, responding to directional inputs in real time.
- As it consumes food items, the snake's length increases segment by segment, visually representing the player's progress, and the smooth motion, adaptive speed, and collision detection with walls or its own body make the snake both challenging and rewarding to control, creating an engaging gameplay experience that tests the player's reflexes, precision, and strategy.

Python / Turtle and Pygame Libraries/ OOP

Dec 2024 - Dec 2024

SpaceShip Game

https://github.com/Danieltun-ctrlc/Spaceship_game

- Developed an engaging SpaceShip game in Python, utilizing the Pygame and Turtle

libraries to create an interactive user experience.

Python / Turtle Library/ Pygame Library/ OOP

Activities

Oct 2025 - Present	<p>Project Management Challenge 2025 – Top 8 Finalist · PMI</p> <p>Represented Republic Polytechnic in the Project Management Challenge 2025, competing against teams from other polytechnics. Successfully placed among the Top 8 finalists, demonstrating strong planning, coordination, and leadership skills in managing project deliverables and teamwork under time constraints.</p>
Oct 2025 - Oct 2025	<p>HomeHack 2025 – WiseGuard Redesign Challenge · Homehack</p> <p>Redesigned and enhanced the WiseGuard cybersecurity app, introducing advanced AI-driven threat detection, real-time scam trend tracking, and improved user experience. Focused on strengthening community reporting and security awareness through smarter interface and system design.</p>
Sep 2025 - Sep 2025	<p>RP REPRESENTATION Drone Soccer - JEONJU - SOUTH KOREA · FIDA World Cup - South Korea</p> <p>Represented Republic Polytechnic at the international Drone Soccer Championship in Jeonju, South Korea. Competed against 118 international teams and achieved an impressive 8th place overall, while also receiving the Best Fair Play Award for outstanding sportsmanship and teamwork.</p>
Sep 2025 - Sep 2025	<p>Represented Singapore at the FIDA Drone Soccer World Cup 2025 · FIDA World Cup South Korea</p> <p>Represented Singapore as part of the National Team, competing against international teams from China, France, Japan, and the United Kingdom. Achieved an outstanding Top 8 finish in the world rankings, showcasing exceptional skill, teamwork, and sportsmanship on the global stage.</p>
Sep 2025 - Sep 2025	<p>CY2025-115 - Engineering Experience - Seniors Skymasters Take FI · Republic Polytechnic</p> <p>Volunteered to guide and teach seniors how to fly drones as part of the Skymasters Take Flight program, demonstrating empathy, patience, and leadership. Supported additional engineering-related activities to help participants explore technology hands-on and build confidence in operating drone systems safely and effectively.</p>
Aug 2025 - Aug 2025	<p>Drone Soccer Championship @ ITE East Apr 2025 - Winner · Singapore Drone Soccer</p> <p>Represented Republic Polytechnic as the team striker, demonstrating coordination, precision, and teamwork. Achieved 1st Place (Champion) in the competition, outperforming teams from other polytechnics and institutions.</p>
Aug 2025 - Aug 2025	<p>BrainHack Finalist · Brain Hack</p> <p>Participated in the AI Cybersecurity Innovation Challenge with the project WiseGuard, an AI-powered mobile application designed to enhance cybersecurity awareness and enable community-driven threat reporting. The app combines real-time scam tracking, AI-verified reporting, and interactive learning tools to help users stay informed and protected online.</p>

Key features showcased include:

AI Threat Detection: Analyzes reported scams to identify emerging cyber patterns.

Community Reporting System: Allows users to share and verify cyber incidents.

Interactive Learning Hub: Offers quizzes, leaderboards, and offline resources to promote cybersecurity knowledge.

Successfully advanced to the final round of the competition, demonstrating strong innovation, technical proficiency, and impact in promoting digital safety and public awareness.

Aug 2025 - Aug 2025

Civil Aviation Authority of Singapore OAC DS

Competition - Singapore Drone Soccer

Represented Republic Polytechnic as the team striker, showcasing strong coordination, precision, and teamwork. Successfully advanced to the semifinals among competing teams from other polytechnics and organizations.

Jul 2025 - Jul 2025

PolyFinTech 100 API hackathon - FinTech

Conceptualized AURA (Autonomous Unified Risk & Asset-Intelligence), an AI-powered Financial Digital Twin designed for high-net-worth individuals. Developed the concept around Deep Psycho-Financial Profiling using a "Decision DNA" engine to personalize financial insights. Proposed predictive intelligence for market analysis, a Wealth Constellation Dashboard for portfolio visualization, and multi-generational wealth planning tools.

Represented Republic Polytechnic and competed against other polytechnics, positioning AURA as a next-generation empathetic AI advisor for humanized wealth management.

Jul 2025 - Jul 2025

Building Block AI Challenge - Building Block

Volunteered to represent Republic Polytechnic at the Building BloCS event alongside other polytechnics, developing an AI-based animal extinction prediction model using data analytics and machine learning techniques.

Jun 2025 - Jun 2025

National AI singapore challenge - AI singapore

Participated in the AI Singapore Hackathon – Logo UI/UX Challenge, designing and creating the official logo concept to represent the event's theme and identity.

Apr 2025 - Apr 2025

CCA Fiesta 2025 - Republic Polytechnic

Volunteered to introduce the Republic Polytechnic Taekwondo CCA to students from other polytechnics and secondary schools, promoting the sport's values of discipline, respect, and perseverance. Assisted in demonstrations, guided participants, and encouraged new members to join the community.

Mar 2025 - Mar 2025

Service Learning Rainbow Drones experience - Drone Soccer

Singapore

Volunteered to teach seniors how to fly drones and participate in various engineering-related activities, demonstrating kindness, empathy, and a strong desire to help them engage with modern technology.

Feb 2025 - Feb 2025

Drone Soccer Championship 2025- science center - Drone Soccer

Singapore

Led the team as captain and played as the main striker, representing Republic

teams, successfully advancing to the quarterfinals.

Jan 2025 - Jan 2025

RP fresh start student leaders · Republic Polytechnic

Volunteered as a student leader to introduce the School of Infocomm to new Republic Polytechnic students and juniors. Organized engaging activities to help them adapt, connect, and enjoy their campus experience.

Dec 2024 - Dec 2024

PSI Codesprint Hackathon · PSI

represent as my school (Republic Polytechnic) to be able to compete in the PSA's hackathons where I had to compete as the team with the various Universities such as NTU, NUS. This hackathon was one of the toughest yet exciting hackathon for me as such I was able to get a lot more experiences and new tech skills.

Dec 2024 - Dec 2024

Building Block December Hackathon · Building Block

Represented Republic Polytechnic in the Community Hub Hackathon, developing a community-focused website aimed at connecting and supporting people. Served as the solo full-stack developer, handling both frontend and backend implementation and created the confi website

Nov 2024 - Nov 2024

Coding Workshop for Mendaki secondary students 2 · Republic Polytechnic with mendaki

- Developed and delivered engaging lesson plans and hands-on coding exercises using Python, enhancing 35 students' understanding and application of programming concepts and introduce the JavaScript.

Nov 2024 - Nov 2024

RP Open house 2024 · Republic Polytechnic

Volunteered as the event host to introduce and promote the sport of Drone Soccer to Republic Polytechnic students, other polytechnics, and secondary school participants. Demonstrated confidence, public speaking, and leadership in engaging diverse audiences.

Nov 2024 - Nov 2024

Drone Soccer Championship 2024 · Singapore Drone Soccer

Led the team as captain and played as the main striker, representing Republic Polytechnic at the national level against other polytechnic and club teams.

Oct 2024 - Oct 2024

Service Learning Engineering drone experience · Republic Polytechnic

Volunteered to instruct senior citizens in drone operation, demonstrating empathy, patience, and a strong commitment to helping them engage with emerging technology.

Sep 2024 - Sep 2024

Digital Skills (AL and Metaverse) · Republic Polytechnic

Exploring the AI aspects of the Metaverse and leveraging AI-driven virtual reality technologies to develop innovative solutions for Clean Water and Sanitation, aligning with the United Nations Sustainable Development Goals (SDG 6).

Aug 2024 - Aug 2024

Coding Workshop for Mendaki secondary students · Republic Polytechnic Collaboration with Mendaki

- Developed and delivered engaging lesson plans and hands-on coding exercises using Python, enhancing 25 students' understanding and application of programming concepts.

Jun 2024 - Jun 2024

Service Learning , A Way of Life · Republic Polytechnic

- Developed and implemented service learning projects, enhancing community engagement and fostering a culture of social responsibility among peers.

May 2024 - May 2024

GO Green SG 2024 - Singapore

- Participated in eco-friendly initiatives by organizing and leading community clean-up events, resulting in the removal of over 500 pounds of trash from local parks and waterways.

Languages

Burmese (Native) - English (Fluent)