

Andres Hung

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EDUCATION

- **University of Belize** Belmopan, Cayo
Associate's in Information Technology; GPA: 4.00 *Aug 2023 – Jun 2025*

EXPERIENCE

- **Ministry of E-Governance Belize** Belmopan, Cayo
Software Quality Assurance Intern *Feb 2025 – May 2025*
 - **User Testing:** Evaluated and provided technical feedback for Belize's National ID, iDeclare, and Civil Registry & Vital Statistics systems.
 - **Documentation:** Wrote 9 quality assurance reports on usability, functionality, and translation for aforementioned systems. Reported 16 issues in the Zoho Bugtracker platform.
 - **Cybersecurity Evaluation:** Compiled security vulnerability reports using ZAP by Checkmarx on Kali Linux.
- **University of Belize** Belmopan, Cayo
ACM Student Chapter Membership Chair *Sep 2024 – May 2025*
 - **Volunteering:** Participated and helped in organizing Hour of Code/AI events for teaching code to children in primary and high schools.
 - **Social Media Management:** Managed social media accounts for the UB ACM Student Chapter, creating Canva flyers for promoting events.
- *Lab Monitor* *Oct 2023 – May 2024*
 - **Equipment Maintenance:** Organized and inventoried lab equipment.
 - **Troubleshooting:** Assisted lecturers with resolving technical issues with computers and projectors.

PROJECTS

- **🏠 Personal Homelab:** Self-hosted services on a Raspberry Pi 5, managed with Docker Compose and networked with Tailscale. Services include DNS ad-blocking, remote SSH, and Cloudflare Tunnels.
- **🐧 Nix Configurations:** Actively maintained and documented personal Nix configurations using the Dendritic pattern for multiple hosts including NixOS, macOS, and Nix package manager.
- **🤖 Robot Maze Handshake:** Three-part program using PlatformIO (C++) and Go for autonomously or manually controlling a custom Makeblock Ultimate 2.0 robot to navigate a maze and have a DJI Ryze Tello Drone detect a color signal and execute movement.
- **🎮 AI in Schools Belize:** Interactive and educational visual-novel-style game demo about showcasing AI advantages and disadvantages within a Belizean context. Programmed using Unity Visual Scripting.

SKILLS

- **Languages:** Go, TypeScript, C++, SQL (PostgreSQL), Python, Nix, L^AT_EX
- **Frameworks:** NextJS, React, TailwindCSS
- **Tools:** Docker, Git, GitHub Projects, VS Code, IntelliJ CLion

CERTIFICATIONS

- **CS50 Certificate** HarvardX
Introduction to Computer Science Online Course *Jul 2023*

ACTIVITIES & INTERESTS

- **🎨 Digital Art:** Procreate on iPad and Krita on desktop.