

Hoeurb Vuthi

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EDUCATION

Monivong High School — Battambang, Cambodia

High School Diploma

- Relevant Coursework: Office Applications
- Graduation: November 2023

SETEC Institute — Phnom Penh, Cambodia

Bachelor's in Management of Information Systems

- Relevant Coursework: Data Structures, Algorithm Design, Web Development
- Practiced industry-standard version control by tracking and managing university coding assignments using Git and GitHub.
- Expected Graduation: November 2030

TECHNICAL SKILLS

- Programming Languages: C++
- Frameworks & Web Technologies: Astro, HTML/CSS
- Operating Systems & Environments: Linux (Ubuntu, Hyprland Wayland), Windows, VirtualBox (virtual environments)
- Tools & Version Control: Git, GitHub, NVM, Bash/Terminal Scripting
- AI & Emerging Tech: Local LLM integration (Ollama, OpenClaw), Local Agentic AI with LLM API (running 24/7 as a virtual assistant)
- Design & Media: Adobe Photoshop, Adobe Illustrator, Adobe Lightroom, Presentation Design, Layout/Print Formatting

WORK EXPERIENCE

Union of Youth Federations of Cambodia (U.Y.F.C) — Battambang

Volunteer Administration Assistant | 2020 – 2023

- *Led a volunteer team during the Sangkran BTB 2022 festival, taking responsibility for environmental cleanliness and organization before, during, and after the event.*
- *Evaluated team members' strengths to strategically delegate tasks and successfully mediated interpersonal conflicts to maintain team cohesion.*
- *Achieved over 90% work efficiency during environmental evaluations, directly contributing to Battambang Province being ranked the No. 1 Cleanest Province in Cambodia.*
- *Acted as the crucial link between administrative planning and execution, successfully turning theoretical event plans into concrete, on-the-ground action.*

Monivong High School — Battambang

Student Council Member | 2022 – 2023

- *Enforced school policies and dress codes to cultivate a respectful, disciplined, and punctual student environment.*
- *Spearheaded a strict campaign against e-cigarette usage on campus, including confiscations, which elevated the school's reputation and improved overall student discipline.*
- *Organized school-wide events and managed environmental initiatives, ensuring smooth operations through proactive planning and resource management, resulting in highly successful and engaging student activities.*

SELECTED PROJECTS

Developer Portfolio Website | Astro, Node.js, Git

- *Designing a personal portfolio showroom using Astro, featuring a custom cute art style, landing page animations, interactive hover effects, a dark-mode toggle, and an email contact form.*

- *Optimized site structure to achieve an 85 performance score during active development, with ongoing refinements to core web vitals.*
- *Managing the codebase and version control using Git/GitHub.*

Local AI Terminal Integration | Ollama, OpenClaw, Agentic AI as CLI

- *Configured Ollama as a local backend to run high-performance models, including Qwen2.5-Coder for coding assistance and Qwen3 models for general tasks.*
- *Developed a 24/7 agentic AI pipeline to automate repetitive tasks, organize system files, debug code, and plan daily schedules.*
- *Boosted personal productivity and saved hours of manual work daily by delegating routine tasks to the autonomous AI assistant.*

Custom OS Environment Configuration | Ubuntu, Hyprland, Wayland, Bash

- *Customized an Ubuntu desktop with the Hyprland Wayland compositor to build a personalized, keyboard-driven workspace with custom multi-monitor layouts.*
- *Configured the workstation to double as a local home server to host and run local AI models (Ollama/Qwen).*
- *Managed hardware compatibility, graphic driver configurations (NVIDIA/AMD), and wrote system automation scripts in Bash.*

EXTRACURRICULARS & ADDITIONAL INTERESTS

- **Emerging Technology & AI Integration:** Continuously exploring new technologies and strategizing ways to integrate agentic AI with technical workflows to build innovative, practical solutions.
- **Financial Market Analysis:** Technical analysis and tracking of global commodities (Brent crude oil) and geopolitical impacts on market trends.
- **Game Modification:** Configuration and troubleshooting of third-party AI NPC frameworks for Java-based gaming environments.