CYICU Studio

Security, research and interactive design

PURPOSE

A portfolio connecting cybersecurity, signal research, prompt engineering, photography and browser game design. The emphasis is on clear explanations and inspectable demonstrations.

KAVAN'S WORK

Project direction, visual judgment, interaction design and iterative development. Signal work includes sub-GHz capture, archiving, comparison and controlled replay on owned or authorized equipment. AI work includes prompt engineering and experiments tuning device AI.

PROCESS

Frame a practical question, build a bounded demonstration, compare results and explain limitations. The research lab exposes assumptions and lets readers adjust parameters, pin a comparison and download a diagram.

EVIDENCE AND LIMITS

Radio charts are mathematical illustrations, not live spectrum measurements. AI pass counts are illustrative, not independently measured benchmarks. Private guides require individual access approval and supplied source content.

EXPLORE

cyicustudio.com/research-lab.html | cyicustudio.com/research-notebook.html

Project inquiries: kavan.pourmorad@gmail.com

Kav: Golden Hour

A neighborhood built for curiosity

PURPOSE

A browser exploration game with neighborhood life, photography, missions, vehicles and portals to imagined worlds. The Meridian Echo links four destinations through an optional mystery.

DESIGN CONTRIBUTION

World and activity design, character direction, visual iteration and an evolving set of interaction systems. The project brings together scene generation, camera control, movement, lighting and persistent progress.

SYSTEMS

Residents have schedules, needs, preferences and remembered interactions. Community commitments and garden choices create follow-up dialogue. The home studio displays local photographs and collected discoveries. Keyboard, touch and standard gamepad controls support exploration.

EVIDENCE AND LIMITS

The game is a stylized real-time simulation. Residents use authored dialogue and bounded behavior, not an unrestricted AI service. Historical and alien settings are imaginative interpretations. Detail and frame rate depend on the device.

EXPLORE

kav-golden-hour.kavan-pourmorad.chatgpt.site | cyicustudio.com/golden-hour-guide.html

R0VER0K

An evolving workflow for security work

CONFIRMED HISTORY

Kavan developed successive versions through 2025, including a version created in Cambodia for government use. This brief preserves that account without naming agencies or implying an endorsement.

DESIGN FOCUS

Organizing a security workflow into understandable stages: input, inspection, validation, evidence and reporting. The portfolio’s interactive presentation explains those stages and how findings move toward an actionable output.

PROCESS RECORD

Earlier iteration, the Cambodia version and the current presentation are distinct parts of the project history. The public demonstration is an explanatory model of the workflow, not a reconstruction of an unavailable historical executable.

EVIDENCE AND LIMITS

Historical build archives, government adoption records, client data and independent performance measurements are not supplied in this public portfolio. Detailed operational material can be considered through an individual access request.

EXPLORE

cyicustudio.com/r0ver0k.html | cyicustudio.com/case-studies.html

Project inquiries: kavan.pourmorad@gmail.com

Photography

Light, atmosphere and the observed world

PURPOSE

Photography of landscapes, architecture, people, animals and the night sky. Collections are organized by subject so visitors can explore a consistent visual narrative.

CREATIVE PROCESS

Observe the light, choose a viewpoint, compose around the subject and refine the selection. The research lab explains aperture, focal length and geometric depth of field with explicit assumptions.

METADATA EXAMPLE

A supplied mushroom photograph records f/1.78, approximately 1/1271 second, ISO 100 and a 6.765 mm physical focal length (24 mm equivalent). These are file metadata values, not estimates from the scene.

EVIDENCE AND LIMITS

Subject distance is not available in the supplied metadata. Equivalent focal lengths may include crop or digital zoom. Simulated lens examples are labeled separately from recorded camera settings. Location coordinates are not published in the metadata panel.

EXPLORE

cyicustudio.com/collections.html | cyicustudio.com/research-lab.html#photography

Project inquiries: kavan.pourmorad@gmail.com