



AI ARCHITECTURE PRODUCTION STACK

EGYPT EDITION 2026

Where the Nile Meets the Algorithm.

Led by Architect Rolando Cedeño de la Cruz
Founder & AI Design Director, AIMETA Studio
Phoenix Global Education Ltd

A complex, faint, golden-brown geometric pattern is centered on the page. It consists of multiple concentric circles, with the outermost being dashed. A series of radial lines extend from the center to the outermost circle. Additionally, there are several smaller circles and lines forming a grid-like structure within the main design.

—◆ Presented by ◆—

PHOENIX GLOBAL EDUCATION LTD

A decorative horizontal line with a small diamond shape in the center, positioned below the company name.



EGYPT ENGINEERED THE IMPOSSIBLE ONCE.

Now, a new generation will engineer what comes next.

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ARCHITECTURE
HAS ALWAYS BEEN A
RECORD OF
HUMAN INTELLIGENCE.

NOW, INTELLIGENCE ITSELF
IS BECOMING A DESIGN MEDIUM.

TIMELESS FOUNDATIONS.
GENERATIVE FUTURES.

WHERE THE NILE
MEETS THE ALGORITHM.



DR RANA KANDIL

Founder & Chief Executive Officer



- Founder & CEO — Phoenix Global Education
- Founder & Executive Chair —
FutureED Global Summit & Tech Expo
- Associate Lecturer — University of Lincoln, UK
- Junior Ambassador —
Fondation Jacques Rougerie, Paris, France

*Chartered architectural professional, educator,
researcher and entrepreneur working across
architecture, artificial intelligence, sustainability,
education innovation and future-focused design.*

The background is a golden-hued, textured surface. At the top center is a large, stylized winged sun disk. The left and right edges feature vertical columns of Egyptian hieroglyphs. The right side of the image is dominated by a wireframe illustration of a cityscape. This cityscape blends ancient Egyptian architecture, such as the Great Pyramids, an obelisk, and a temple with statues, with modern skyscrapers. A large, circular wireframe structure, resembling a dome or a sphere, is positioned behind the modern buildings. In the foreground, a body of water reflects the scene, and a wireframe structure resembling a sail or a modern architectural element is visible in the lower right. The overall aesthetic is one of ancient wisdom meeting modern technology.

WELCOME

This is not a software course.
It is an immersive architectural
production journey.

- ◆ CREATIVE VISION
- ◆ AI WORKFLOWS
- ◆ CRITICAL THINKING
- ◆ PROFESSIONAL JUDGEMENT
- ◆ ARCHITECTURAL STORYTELLING

THE EGYPTIAN ARCHITECTURAL DNA



5,000 years of intelligence encoded in stone.



MONUMENTALITY

Architecture as civilisational statement



SACRED GEOMETRY

Mathematical precision as spiritual order



MATERIAL MASTERY

Stone, light, and proportion as design tools



ENVIRONMENTAL INTELLIGENCE

Climate-responsive design before the term existed



SYMBOLIC COMMUNICATION

Every surface carries meaning



These ancient principles become the foundation for AI-augmented design.





WHY EGYPT? WHY NOW?

Egypt's unprecedented urban transformation demands a new generation of AI-augmented architects.



New Administrative Capital



New Alamein



Galala City



4th Generation Cities





THEY ENGINEERED MONUMENTS FOR ETERNITY.



What will our generation
engineer for humanity?





THE AIMETA STUDIO METHODOLOGY



Every project begins with human intent.



AI accelerates exploration but never replaces architectural judgement.



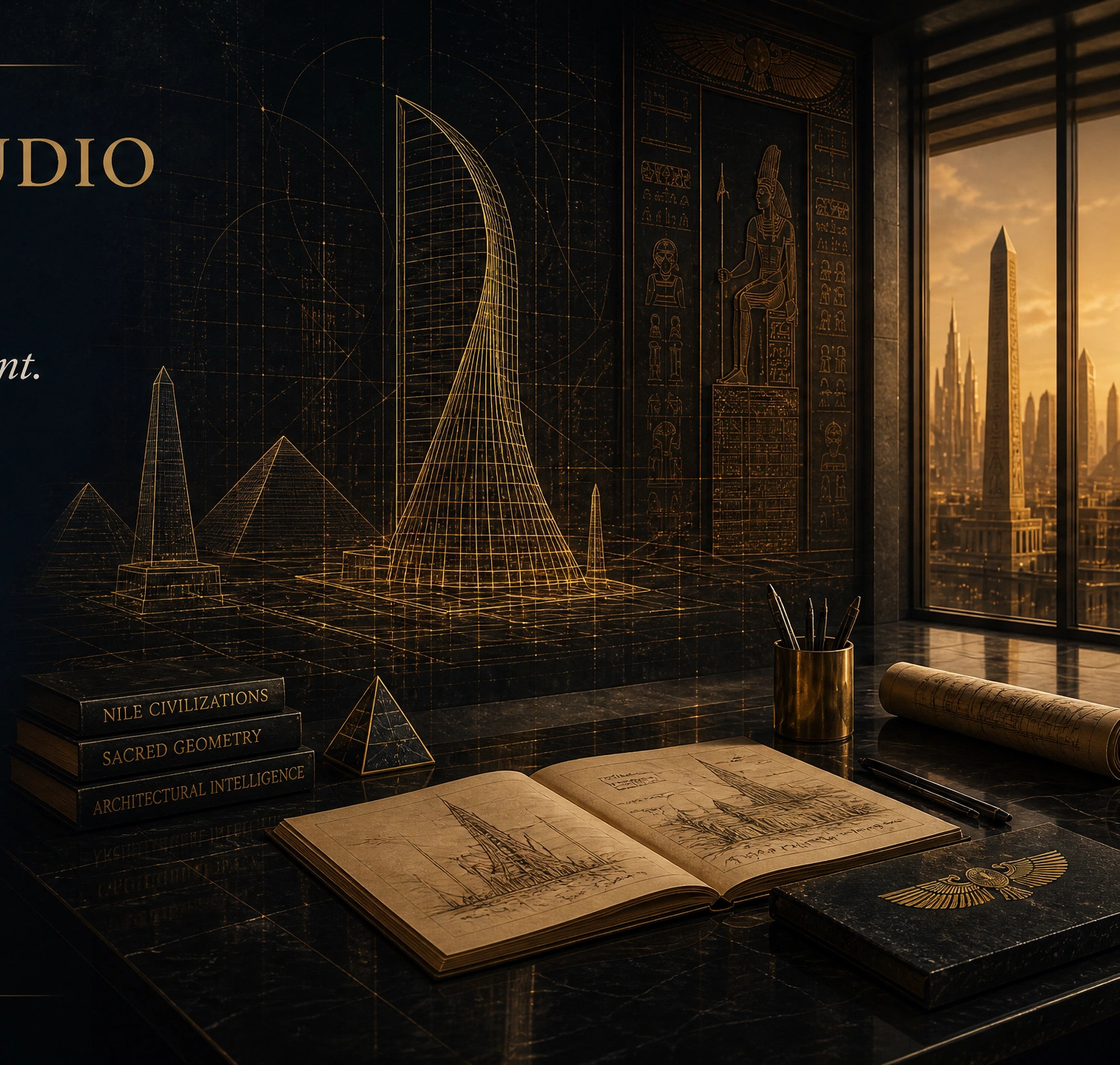
The studio methodology integrates research, cultural context, computational generation, and cinematic storytelling into a unified production workflow.



From initial concept to cinematic output — a complete architectural intelligence pipeline.



400+ projects delivered using this methodology.





ARCHITECT ROLANDO CEDENÑO DE LA CRUZ



Lead Expert & Workshop Instructor

- Founder & AI Design Director — AIMETA Studio
- Programme Lead — AI Architecture Production Stack
- International AI Architecture Practitioner



400+ projects delivered using
AI production workflows.



International studio methodology
from concept to cinematic output.



MEET THE INSTRUCTOR

Architect Rolando Cedeño de la Cruz

Founder & AI Design Director, AIMETA Studio



400+ real projects delivered
using AI production workflows



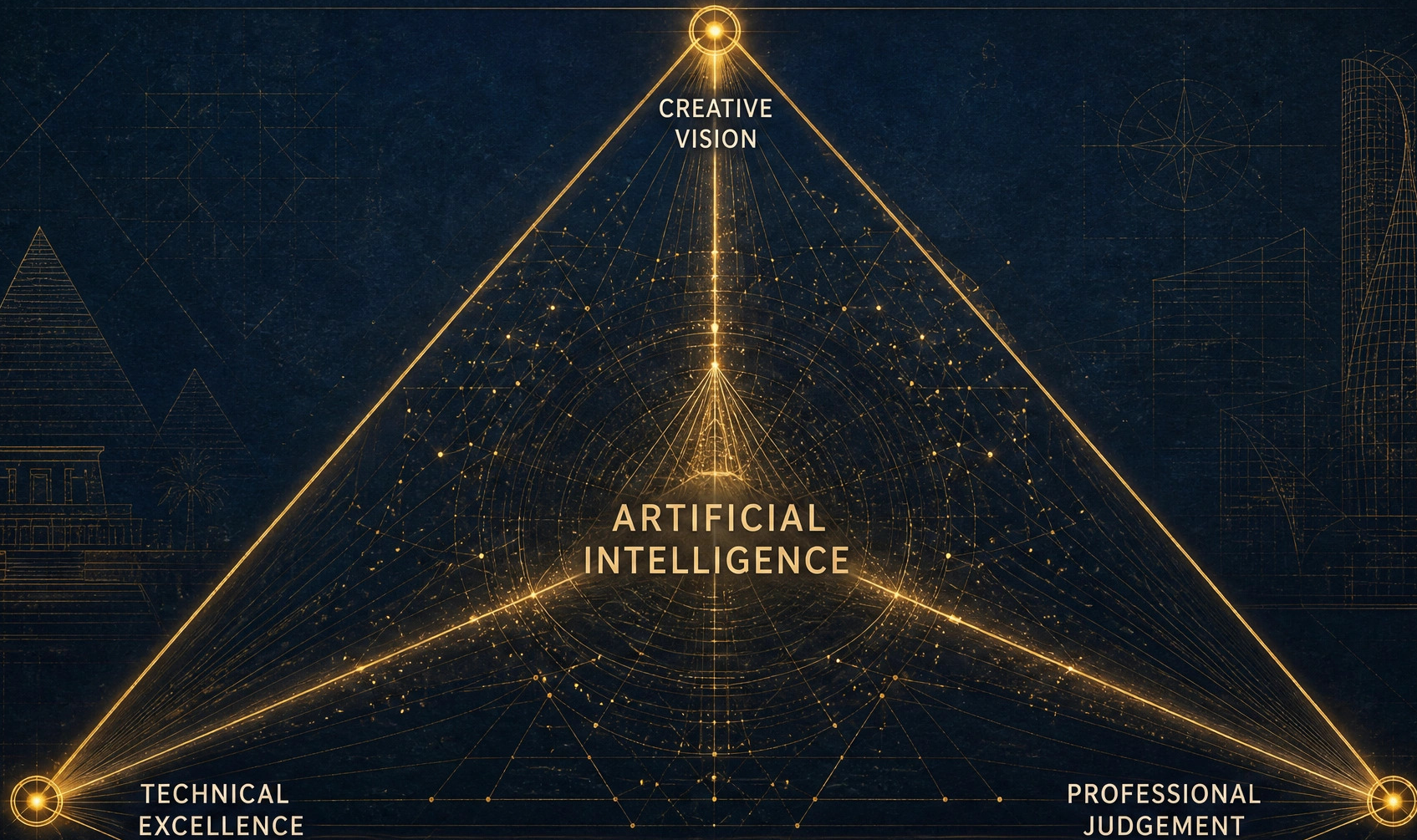
International studio methodology



From initial concept
to cinematic output



The Next Generation Architect



The Human × AI Philosophy

“AI should augment architectural intelligence rather than replace it.”

HUMAN

- Creativity
- Judgement
- Ethics
- Authorship
- Responsibility

AI

- Exploration
- Generation
- Iteration
- Analysis
- Acceleration

RESULT: AUGMENTED ARCHITECTURAL INTELLIGENCE

YOUR JOURNEY

RESEARCH

CULTURAL CONTEXT

CONCEPT

AI GENERATION

DESIGN DEVELOPMENT

VISUALISATION

CINEMATIC STORYTELLING

FINAL ARCHITECTURAL NARRATIVE

COMPETITION



THE AI ARCHITECTURE PRODUCTION STACK

FROM CONCEPT TO CINEMATIC STORYTELLING

1

SKETCH



The initial spark.
Hand-drawn ideas capture
the essence of a vision.

2

PROMPT

“

Modern hillside villa
with layered concrete
volumes, floor-to-ceiling
glass, infinity pool,
seamless indoor-outdoor
connection, surrounded
by mediterranean
landscape, golden hour,
photorealistic.

”

Ideas are distilled into
precise language to guide
the AI's imagination.

3

AI GENERATION



AI interprets the prompt
and generates architectural
concepts in moments.

4

REFINEMENT



Concepts are refined into
high-fidelity visuals with
detail, light, and materiality.

5

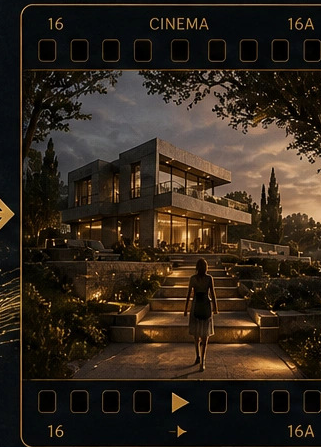
VISUALISATION



Final visuals are polished
for clarity, mood, and
architectural storytelling.

6

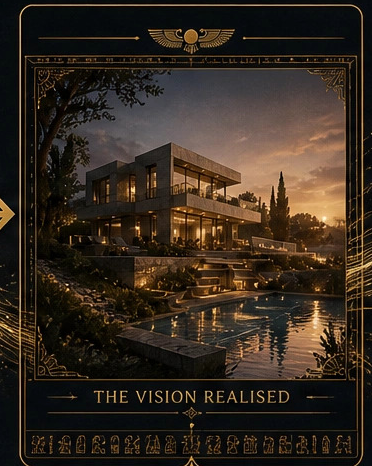
ANIMATION



Stories come to life through
cinematic animation that
inspires and engages.

7

CINEMATIC OUTPUT



A complete cinematic
experience that communicates
the vision with impact.

AI DOESN'T REPLACE CREATIVITY. IT AMPLIFIES IT.



CONCEPTUALIZE
Imagine without limits.



GENERATE
Explore infinite possibilities.



VISUALIZE
See your ideas take form.



ANIMATE
Move people with story.



INSPIRE
Leave a lasting legacy.

THE AI TOOL ECOSYSTEM



1. CORE PLATFORMS



- **MidJourney:**
High-fidelity conceptual visualization and material exploration.



- **ChatGPT / GPT Vision:**
Prompt engineering, architectural analysis, and conceptual development.



- **Kling AI / Runway / Luma:**
Cinematic animation and dynamic architectural storytelling.



2. OPTIONAL PLATFORMS



- **ComfyUI / Stable Diffusion:**
Advanced control, inpainting, and custom pipeline integration.



Note: AI platforms evolve rapidly, The instructor may introduce relevant current tools during live demonstrations.



BEFORE YOU BEGIN

- ◇ Modern computer capable of web-based AI platforms
- ◇ Stable high-speed broadband connection
- ◇ Updated modern web browser
- ◇ Active accounts for core AI platforms
- ◇ Dedicated file organisation structure
- ◇ Initial references on Egyptian architectural heritage





PROGRAMME AT A GLANCE



DURATION

10 Training Days
(2 weeks)



FORMAT

Premium Hybrid



STRUCTURE

7 Remote +
3 Proposed Onsite



HOURS

25 Total



SCHEDULE

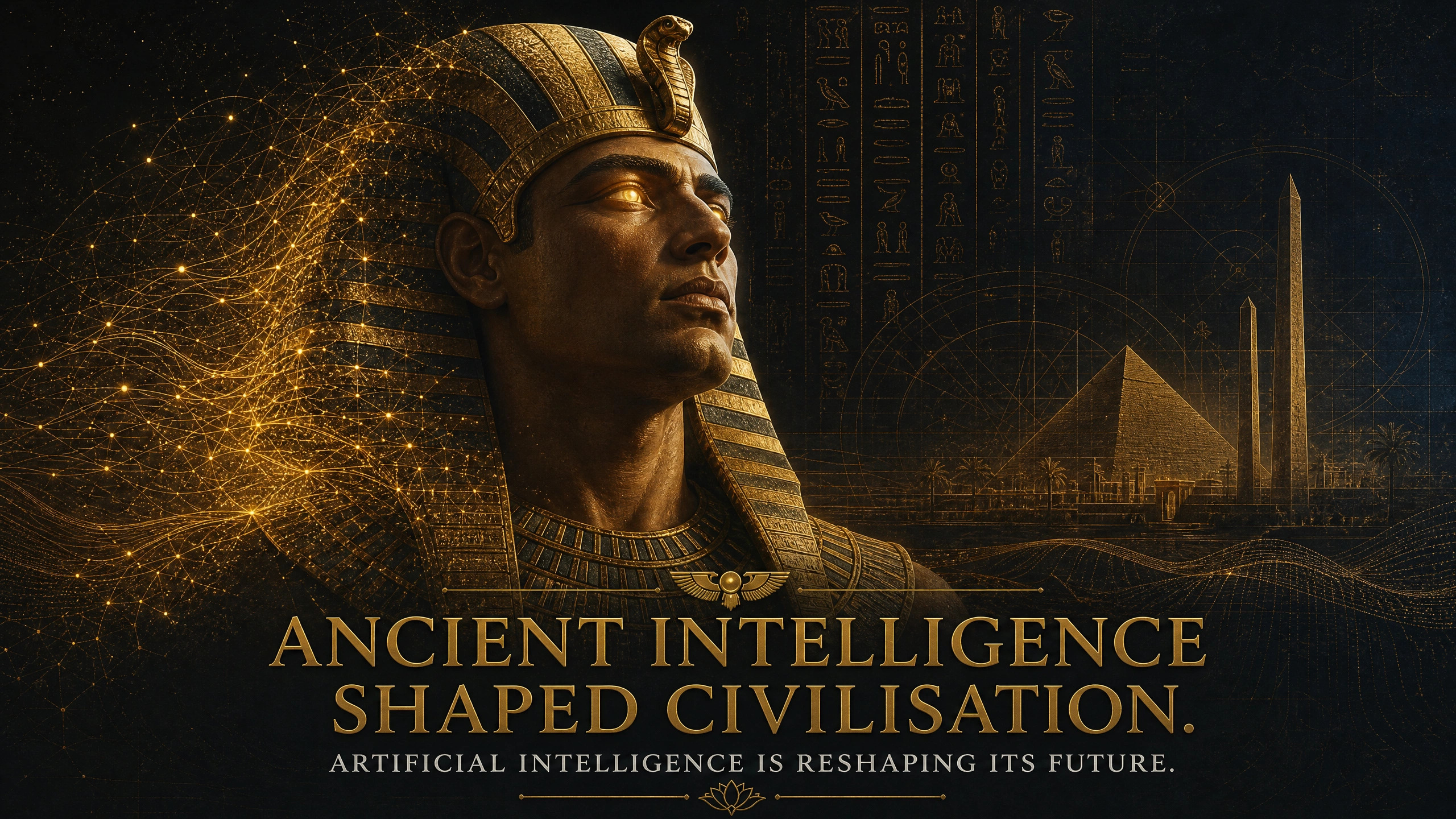
Sun-Thu
4:00-7:00 PM
Cairo Time



MODEL

Studio-based
production





ANCIENT INTELLIGENCE SHAPED CIVILISATION.

ARTIFICIAL INTELLIGENCE IS RESHAPING ITS FUTURE.





PHASE I

Architectural Research & Cultural Context

Days 1-2



- Explore the DNA of Egyptian architecture.
- Translate historical typologies into computational concepts.



PRODUCE:

Defined architectural concept and initial mood boards.



PHASE II

AI Concept Design & Creative Exploration



Schedule: Days 3–4

- Explore AI as a rapid ideation partner.
- Master prompt engineering and iterative generation techniques.



PRODUCE:

A curated selection of high-potential AI-generated architectural concepts.





PHASE III

AI Visualisation & Design Development

◆ —◆ Days 5–6 ◆ —◆

- 🌸 Refine raw concepts into professional high-fidelity visualizations.
- 🌸 Master advanced image control, material refinement, and atmospheric lighting.



Produce: Professional-quality architectural renders and analytical diagrams.



PHASE V

Competition Integration & Final Presentation



Day 10

- ◆ Synthesize all outputs into a compelling professional pitch.
- ◆ Assemble the final presentation package and prepare for the international jury.



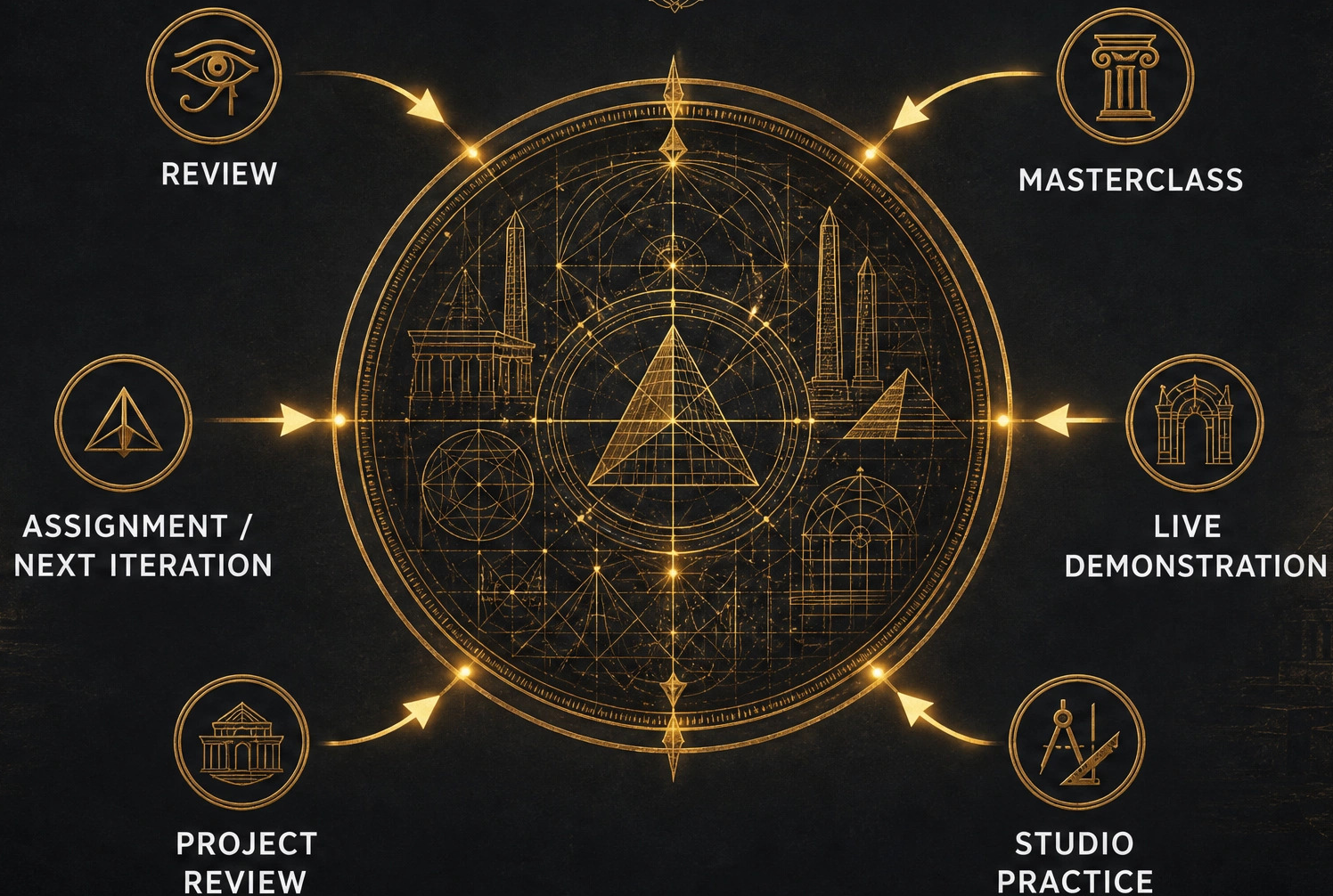
PRODUCE:

Complete KEMET REIMAGINED
competition submission.



THE STUDIO MODEL

"ITERATION IS THE DESIGN PROCESS."



CRITICAL AI LITERACY

A FIVE-STEP EVALUATION FRAMEWORK



QUESTION:
Is it structurally plausible?



COMPARE:
Evaluate multiple options.



VALIDATE:
Check for hallucinations.



REFINE:
Targeted prompting to improve.



JUSTIFY:
Defend decisions with
architectural reasoning.





Design Authorship & Responsible AI



Human Authorship:

The architect directs, AI generates.



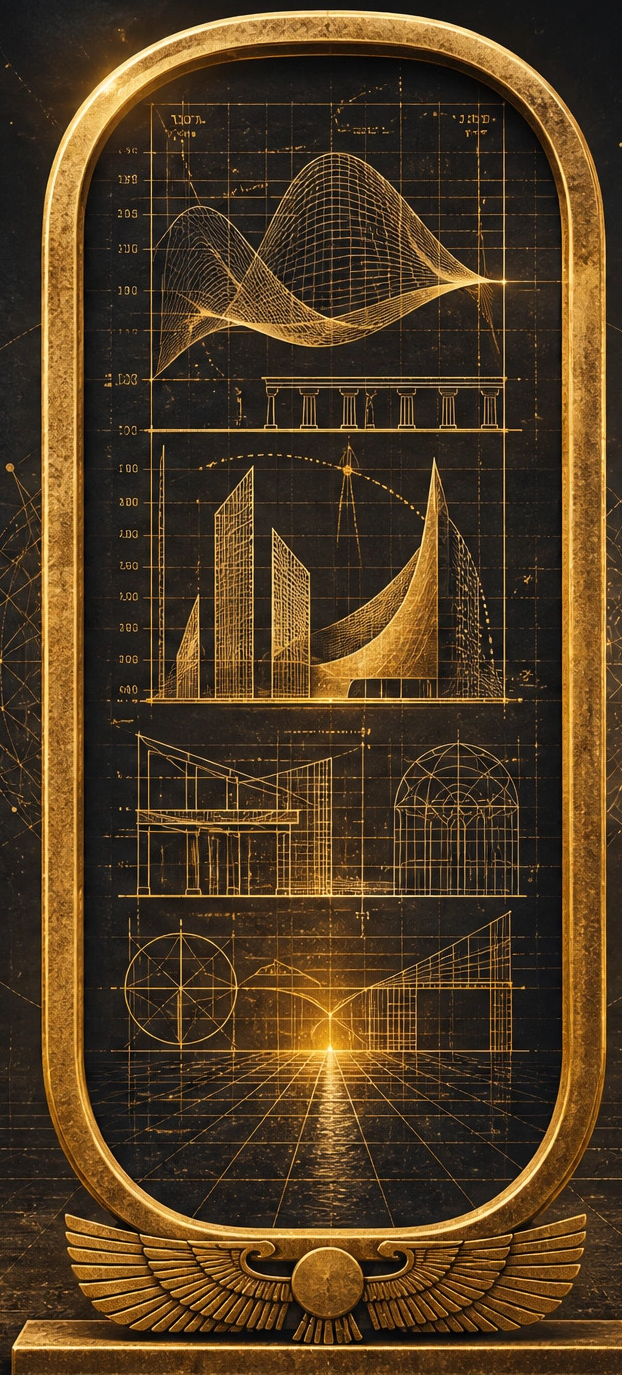
Transparency:

Document AI-assisted workflows clearly.



Responsibility:

Architect remains responsible for safety, culture, and viability of design.



The background features a dark, starry night sky with a grid of golden lines. On the left, a large obelisk is covered in hieroglyphs and has a digital overlay of glowing blue lines and data points. In the foreground, there are ruins of ancient Egyptian structures, including a pyramid and a temple with columns. On the right, a wireframe model of a pyramid and other structures are visible. The overall theme is the fusion of ancient history with modern technology.

KEMET REIMAGINED

كِمِت المْتَحَيِّلَة

THE AI EGYPTIAN ARCHITECTURE CHALLENGE

“Do not reprobuce the past. Reimagine what it could become.”

COMPETITION SUBMISSION REQUIREMENTS

◆ — Your KEMET REIMAGINED submission must include:

1. Architectural Concept Statement (500 words maximum)
2. AI-Generated Design Proposal (minimum 6 high-resolution visualisations)
3. Process Documentation showing AI workflow and design decisions
4. Cinematic Architectural Sequence (30–60 seconds)
5. Final Presentation Deck

All submissions must demonstrate clear human authorship and critical AI literacy.



THE COMPETITION CHALLENGE



Reimagine the future of Egypt
through original AI-assisted
architectural proposals inspired
by Egyptian heritage and
contemporary innovation.



*Kemet (كمت) means 'The Black Land',
the ancient Egyptian name for Egypt,
connecting 5,000 years of innovation
to an AI-augmented future.*

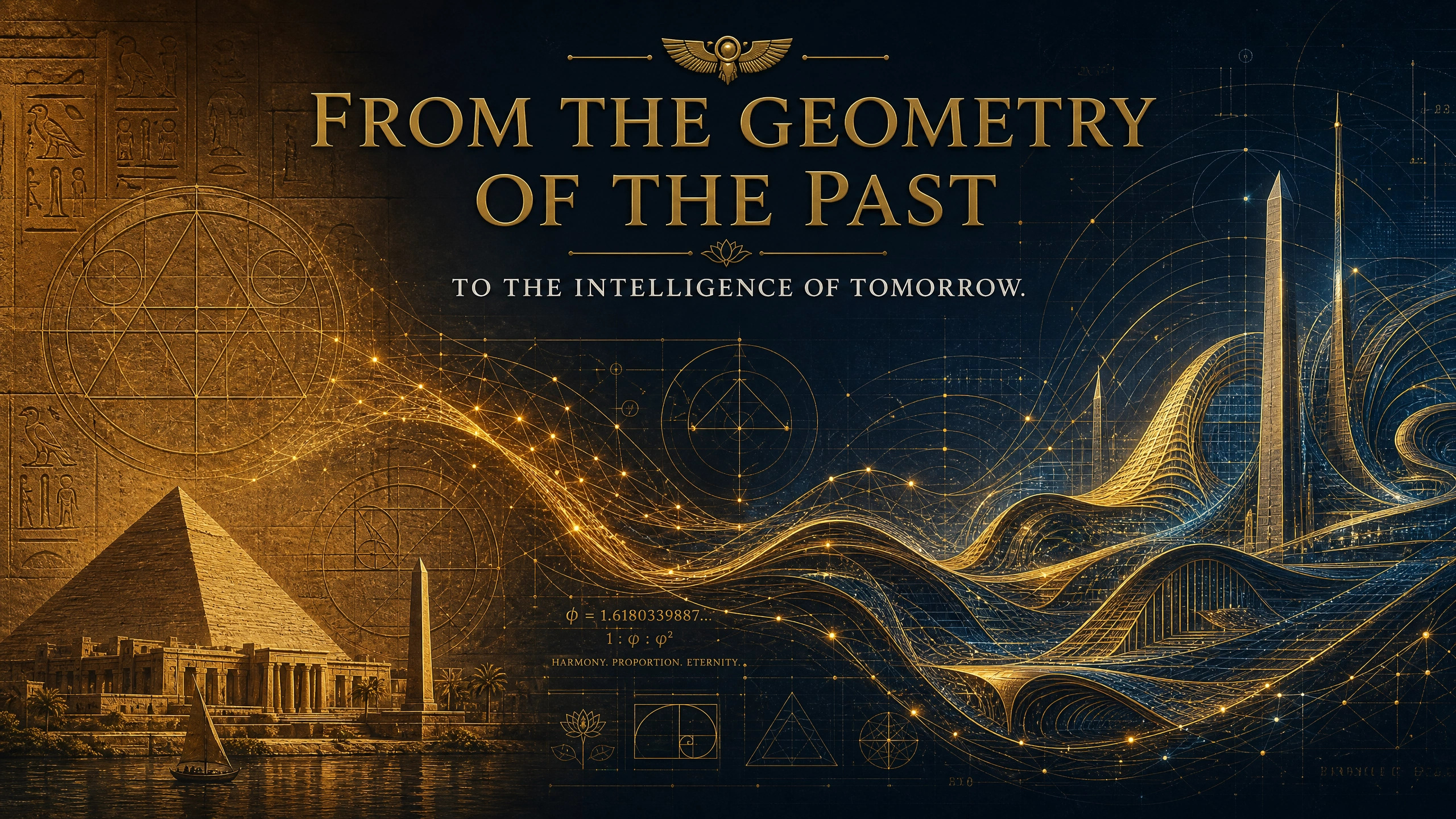




FROM THE GEOMETRY OF THE PAST



TO THE INTELLIGENCE OF TOMORROW.



$$\phi = 1.6180339887...$$

$$1 : \phi : \phi^2$$

HARMONY. PROPORTION. ETERNITY.



— COMPETITION JOURNEY —



PROGRAMME

— 01 —



PROJECT
DEVELOPMENT

— 02 —



FINAL
SUBMISSION

— 03 —



TECHNICAL
REVIEW

— 04 —



INTERNATIONAL
JURY

— 05 —



WINNERS

— 06 —



AWARDS

— 07 —



JUDGING CRITERIA



DESIGN QUALITY
25%



AI WORKFLOW
MASTERY
25%



INNOVATION
10%



CULTURAL
CONNECTION
20%



CINEMATIC
STORYTELLING
20%



CPD ACCREDITATION & PROFESSIONAL RECOGNITION

This programme is designed to meet Continuing Professional Development standards for architectural practice.

Participants who successfully complete all programme requirements and submit a competition entry will receive official recognition from Phoenix Global Education Ltd.

The programme contributes to professional architectural development in:

-  AI-augmented design practice
-  Computational design methodology
-  Critical AI literacy for the built environment
-  Cinematic architectural communication

Phoenix Global Education Ltd — Advancing Professional Futures



AWARDS & RECOGNITION



GRAND WINNER

(Includes AIMETA Studio mentorship
with Architect Rolando Cedeño de la Cruz)



BEST HERITAGE INTERPRETATION



BEST CINEMATIC NARRATIVE



BEST TECHNICAL WORKFLOW



PEOPLE'S CHOICE / PUBLIC VOTE

*Digital certificates and potential
publication opportunities.*





YOUR PROGRAMME SUPPORT TEAM



The Royal Court — We are here throughout your journey.



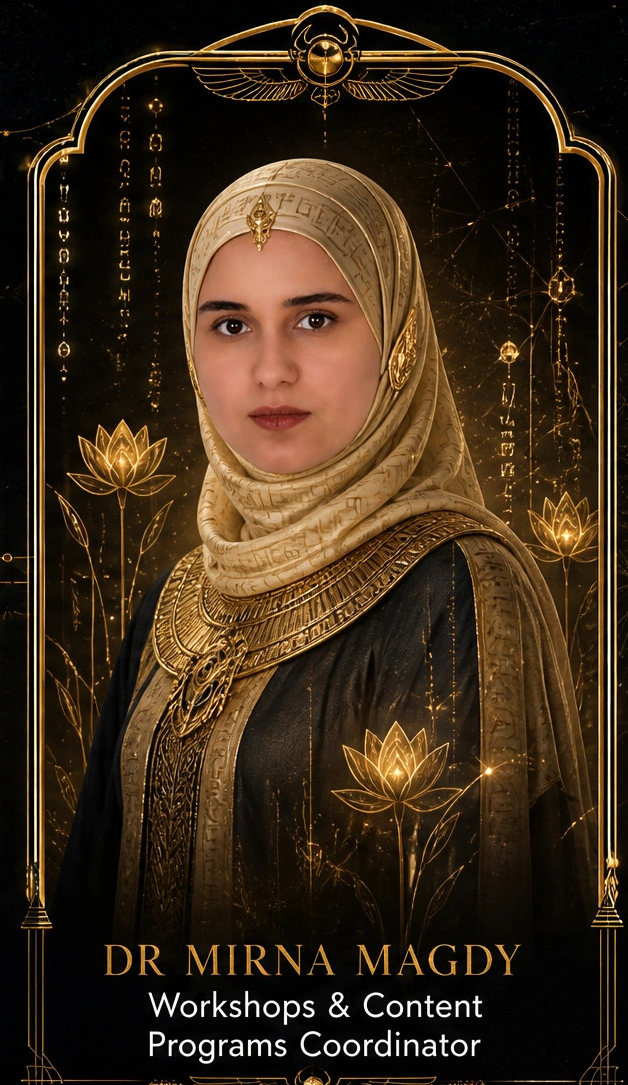
MR AHMED FADY
Chief Operating Officer



ENG AHMED ABDELMONEIM
Chief Technology Officer



MS NANCY DABBAN
Head of Programs &
Learning Experience



DR MIRNA MAGDY
Workshops & Content
Programs Coordinator





WHAT WILL YOU LEAVE WITH?

Portfolio-ready outputs from the production stack:

- Architectural concept
- AI-assisted proposal
- Professional visualizations
- Concept diagrams and analysis
- Cinematic architectural sequence/animation
- Final presentation package





YOUR ROLE IN THE FUTURE OF ARCHITECTURE



Egypt's legacy was built by
inventing the future, not
repeating the past.



AI reshapes practice —
the profession needs
cultural depth +
computational power.



This programme gives you
the tools. What you build
is up to you.



YOUR PROGRAMME SUPPORT TEAM



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We are here to support your learning journey throughout the programme.



THE ARCHITECT'S PLEDGE



I will not simply generate. I will design.



I will not accept without questioning.
I will evaluate, refine, and justify.



I will honour the legacy of Egyptian
architecture while imagining its future.



I will use AI as my instrument,
not my replacement.



I am the architect.





THE FUTURE OF
EGYPTIAN ARCHITECTURE
WILL NOT BE GENERATED BY AI ALONE.

IT WILL BE IMAGINED BY THOSE
WHO KNOW HOW TO DESIGN WITH IT.



AI ARCHITECTURE PRODUCTION STACK — EGYPT EDITION 2026



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WHERE THE NILE MEETS THE ALGORITHM.

Phoenix Global Education Ltd