UVOTAM SCHOOL

Building the Creative Directors of Tomorrow.

Our Manifesto

In ten years, writing code syntax will be like setting lead type for a printing press—a specialized historical craft. The casual, everyday literacy of the next decade won't be programming; it will be **Vibe Coding**, AI-assisted content creation, and systemic logic.

At Uvotam School, we believe that understanding how to guide artificial intelligence to write code, generate media, and solve complex problems is the new baseline. Just as every child today must learn to read and write, the youth of tomorrow must learn how to architect ideas, prompt intelligently, and iteratively build.

> **We don't lower the bar. We build ladders.**
>
> Our curriculum is unapologetically ambitious. We don't believe in sheltering students from complexity. We throw them into the deep end of professional-grade tools like DaVinci Resolve and abstract concepts like Discrete Math. Will they struggle? Yes. Will they tune out occasionally? Yes. But the grit forged in failure, combined with the thrill of creating production-ready applications, is the greatest lesson of all.

The Methodology

This course goes beyond technical syntax. We are training 10 to 16-year-olds to be resourceful problem solvers. The curriculum emphasizes:

- **Resourcefulness:** How to find the exact skills and documentation you need on the fly.
- **Product Vision:** How to decide *what* to build based on user needs and technical viability.
- **The Iterative Loop:** Build, test, break, improve. Continuous deployment of ideas.

To ensure appropriate pedagogical pacing while maintaining our high standards, students are divided into two distinct cohorts: *Juniors (10-12)* and *Seniors (13-16)*, tackling the same core concepts at varying depths of architectural complexity.

The Core Curriculum

Phase	Description & Outcomes
1. The Lens Photography & Video	Understanding composition, pacing, and visual storytelling. Students will learn the basics of professional camera work and dive straight into color-grading and editing in DaVinci Resolve.
2. The Logic Discrete Math	The invisible engine of the digital world. Students will learn boolean logic, graph theory, state machines, and algorithmic thinking—the exact mental models required to structure robust prompts and system architectures.
3. The Synthesizer Media Generation	Mastering AI generation tools. Students learn how to craft precise text-to-image and text-to-video prompts, understanding latent space, diffusion models, and how to maintain aesthetic consistency across generated assets.
4. The Architect Vibe Coding	Using natural language and AI-native IDEs to build software. Students move from basic scripting to complex web architectures, learning how to debug, deploy, and host live applications.

The Crucible: Capstone Projects

Theory is useless without execution. Before graduating, every student must successfully deploy two major projects:

> **1. The Custom Social Network**
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> Students will vibe code and host their own individual social media platform. They must implement standard, known features (auth, feeds, likes) alongside custom, personalized features they conceptualize themselves. This teaches them web architecture, database management, and UI/UX design via AI prompting.

2. Production-Ready DaVinci Plugin

Pushing the limits of their technical resourcefulness, students will use vibe coding to develop a functional Python/Lua plugin for DaVinci Resolve. This tool must solve a real editorial workflow problem, forcing them to navigate complex API documentation and rigorous debugging.

FOR IMMEDIATE RELEASE
DATE: JUNE 19, 2026
MEDIA CONTACT: PRESS@UVOTAMSCHOOL.COM

New Online Academy Launches to Teach 10-16 Year Olds the Literacy of the AI Decade: "Vibe Coding"

RWANDA — As artificial intelligence radically reshapes the global economy, a new educational platform is discarding traditional coding bootcamps in favor of the skills that will actually matter in ten years. Uvotam School launches today, offering an unapologetically ambitious curriculum aimed at kids aged 10 to 16, teaching them how to become the "creative directors" of their own software and media.

The academy is built on a simple, provocative hypothesis: in the near future, the ability to generate media and "vibe code"—using natural language to guide AI agents to build software—will be as foundational as reading and writing.

> *"We are not teaching kids how to memorize syntax for languages that AI can write in milliseconds," says the founder of Uvotam School. "We are teaching them how to architect ideas, how to use discrete math to structure logical systems, and how to rigorously test and iterate. We are teaching them how to build hard things."*

Unlike standard educational platforms that gamify learning to the point of dilution, Uvotam School embraces friction. Students are exposed to professional-grade environments immediately. The curriculum spans photography and DaVinci Resolve editing, foundational discrete mathematics, AI image and video generation, and deep dives into vibe coding web applications.

By the end of the program, students are required to deliver two major capstone projects:
1. A fully hosted, personalized social media network built entirely through vibe coding.
2. A production-ready plugin for DaVinci Resolve to automate creator workflows.

"It is okay if the concepts are hard. It is okay if they struggle. The resilience they build by debugging a production-ready application alongside an AI assistant is exactly the skill they will use for the rest of their lives," the founder adds.

Uvotam School is currently accepting enrollments for its inaugural cohorts, split into Junior (10-12) and Senior (13-16) tiers.

For more information, enrollment details, or press inquiries, please visit **www.uvotamschool.com**.

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