

Kayla Doiron

AI ENGINEER · UNMANNED SYSTEMS · CREATIVE TECHNOLOGIST

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PROFILE

Engineer and founder building at the intersection of artificial intelligence, unmanned systems, and creative technology. Trained in unmanned aircraft systems and software, I design and ship AI products end to end — and bring a decade of creative direction in photography, film, and visual art to the systems I build. Equally fluent in mission planning, technical roadmapping, and hands-on engineering.

EXPERIENCE

Co-Founder, CTO & Lead AI Engineer 2024 — Present

Colectiv.ai · Collective-intelligence platform

- Own engineering and technical direction end to end for a web & mobile platform — architecture, roadmap, and cross-functional delivery.
- Design and build AI-driven features: model integration, data pipelines, and intelligent user-facing interfaces.
- Translate product vision into shippable systems, from prototype through production deployment.

Founder & Creative Technologist 2022 — Present

Visionspace · Digital studio

- Design and engineer immersive digital experiences, web platforms, and AI-assisted film and visual content.
- Bridge engineering and art to deliver future-facing digital work for clients and original projects.

Founder & Creative Director 2015 — Present

KD Studios · Photography, film & art

- Run end-to-end photography and video production — direction, capture, and post — for a decade of client and editorial work.
- Lead creative across art, film, and visual storytelling; advanced command of Lightroom, Photoshop, and video editing suites.

EXPERTISE

Engineering

AI / ML engineering · Software development · Systems design · Data pipelines · Model integration

Unmanned Systems

UAV operations · Mission planning · Flight & payload ops · Sensor integration

Leadership

Project management · Technical roadmapping · Cross-functional direction

Creative

Photography · Film & video · Visual design · Adobe Creative Suite

EDUCATION

B.S., Unmanned Aircraft Systems

Embry-Riddle Aeronautical University
2019 — 2022

Photojournalism & German

Loyola University New Orleans
2006 — 2008

CERTIFICATION

Project Management — edX, 2020