EVOMIND INTELLIGENCE INC.

Computer Vision & Image AI

Object detection, segmentation, image generation, video analysis. OpenCV, YOLO, diffusion models.

evomind.tech | sales@evomind.tech

Program Overview

PRICE	DURATION
$6,400	10 weeks

FORMAT	LEVEL
Live	Advanced

Object detection, segmentation, image generation, video analysis. OpenCV, YOLO, diffusion models. This architect track is structured for adult learners who need practical, career-relevant depth without academic abstraction. Delivered as a live experience, the course combines guided milestones, implementation reviews, and applied exercises aligned with modern AI, engineering, and technical leadership work.

What You Will Learn

- Build and evaluate modern computer vision pipelines.
- Work with detection, segmentation, and image generation approaches.
- Understand dataset design and annotation quality for visual systems.
- Translate vision research concepts into applied products.

What Is Included

- 10 live weeks with image and video model labs.
- OpenCV, detection, and diffusion-based workflow examples.
- Dataset preparation and annotation guidance.

- Visual model evaluation and deployment case studies.

Weekly Syllabus

WEEK 1

Visual Data and Representation

Understand images, video, and the preprocessing pipelines that shape vision model quality.

Topics: Image fundamentals, Data pipelines, Augmentation

WEEK 3

Detection and Segmentation

Implement high-value vision tasks used in practical production systems.

Topics: Object detection, Segmentation, Evaluation metrics

WEEK 6

Video and Real-Time Vision

Handle temporal vision workflows and performance-sensitive environments.

Topics: Tracking, Video inference, Optimization

WEEK 10

Generative Image Systems

Explore diffusion models and image generation in practical creative and product contexts.

Topics: Diffusion, Latent representations, Applied generation

Instructor

Naomi Feldman

Naomi builds visual intelligence systems across media, manufacturing, and analytics use cases, with strong emphasis on deployment tradeoffs.

This EvoMind syllabus is an admissions overview for planning and evaluation. Final cohort dates, live session timing, assessments, and platform access details are shared in the welcome packet after enrollment.

Payment by Interac e-Transfer to sales@evomind.tech | EvoMind Intelligence Inc. | EvoMind Intelligence Inc. · Vancouver, BC, Canada · sales@evomind.tech