IARPA - WRIVA
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CHOOCH

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Who We Are

- Chooch AI is a Computer Vision company based in Silicon Valley
- Post Series A , >$20M raised, >$5M in revenue, Series B CY 22
- Ready-now technology generates Contextual Perceptions of the visual environment; patented technology
- Complete AI Lifecycle Platform: Dataset Generation, Model Training, & Inferencing
- Mid-Stream Tech: Agnostic to Source Data and Endpoint
- Dual use technology spanning surveillance, geospatial analysis, critical infrastructure monitoring to healthcare, industrial safety, and manufacturing applications
- Optimized for NVIDIA GPUs and Intel CPUs (I7+), Linux OS (RedHat, Ubuntu)

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What We Do

Apply computer vision to generate intelligent image and video analytics in the Cloud or at the Edge

- Detect, recognize, locate, and report *all* objects, persons, and actions of interest in static images and full-motion video
- Automate human processes and reduce cognitive loads
- Eliminate 3rd party dependencies throughout the AI Lifecycle
- Ease of Use: *No-Code UI is Designed for Non-technical End-User*
- Clone human subject matter expertise directly into the system
- Enable machine-to-machine tasking and provide autonomous notifications improving *Speed and Efficacy* for *Human-on-the-Loop* decisions

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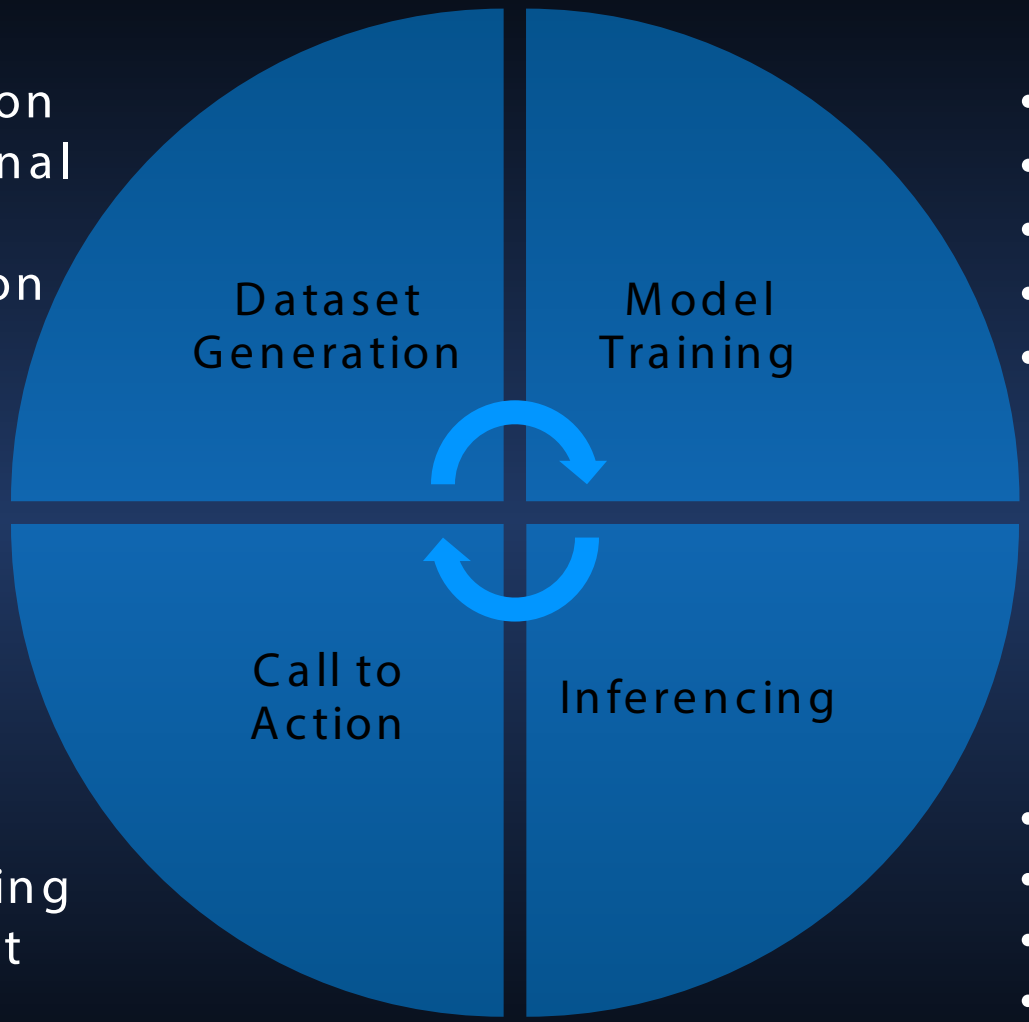
Computer Vision Lifecycle

- Image & Video Annotation
- Bounding Box or Polygonal
- Smart Annotation
- Synthetic Data Generation
- Data Augmentation



- Dense Classification
- No-Code Model Training
- Generated F1Score
- Model Import and Export
- Testing w/ Feedback

- Alerts & Notifications
- Machine to Machine Tasking
- Edge Device Management
- Forensics Search Tool
- Heatmap

- Scalable Inference Engine
- JSON Format Output
- Annotated Image
- Rules Engine and Zones

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Patent

https://uspto.report/patent/app/20200250223

Chooch IC2: Mobile App

Apple Store

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