Kartik katoch

Data Annotation Specialist
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Summary

Detail-oriented data annotation specialist delivering neat, clean, and precise annotations across medical imaging, time-series signals, OCR/text detection, and beyond. Expert in object detection workflows (YOLO, bounding boxes, keypoints) and semantic/instance segmentation (polygons, masks, 3D cuboids). Highly proficient with industry-leading tools—CVAT, Roboflow, LabelImg, SensiML—and experienced in medical-grade DICOM/MRI/CT annotation. I combine rigorous quality control, active-learning loops, and domain knowledge (ECG, MRI, histology) to produce datasets that power reliable, high-accuracy models. Let's collaborate to elevate your AI and research initiatives with top-tier annotation services."

Technologies & Skills: -

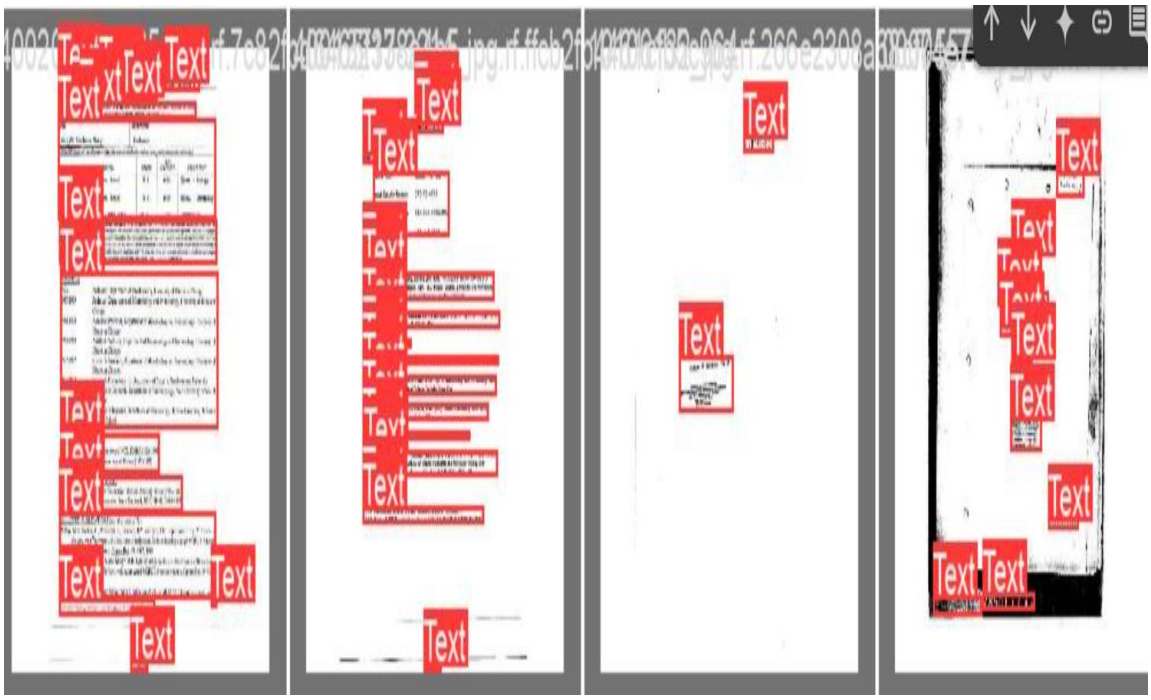
- **Technologies Used -** *Roboflow,CVAT(For medical imaging),LabelStudio, SensiML,SuperAnnotate,DataLoop, YOLO, Pytorch,Tensorflow,Python, V7*

- **Annotaion skills -** *Medical imaging annotaion, bounding box annotation, semantic segmentation, Timeseries annotation, polygon annotation, 3D cuboid annotation, keypoint annotation, line and arrow annotation, instance segmentation, scribble annotation, and landmark annotation.*

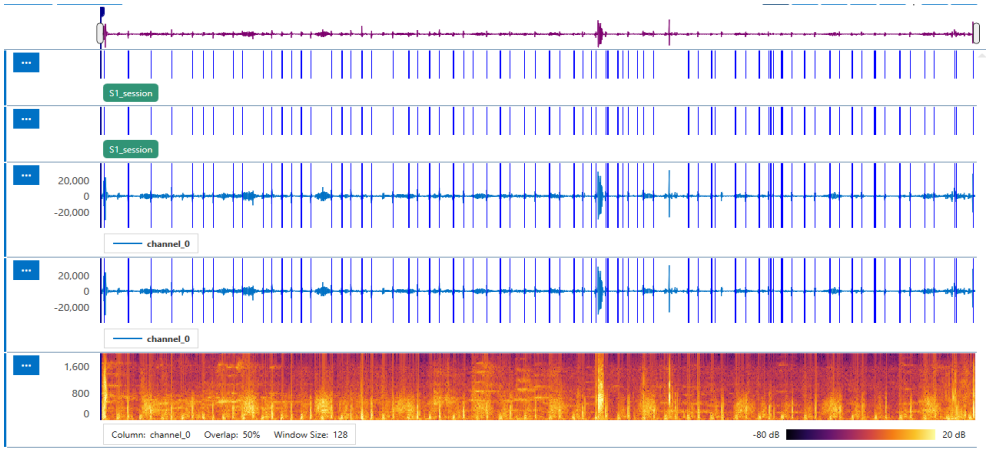
Professional Experience

Freelance Data Annotator *(2024 - Present)*

- **Object Detection for OCR**:
  Technologies used (Roboflow,yolo,pytorch,tensorflow)
  Implemented the YOLO model to detect text in resumes, achieving high accuracy in identifying text regions across various layouts. Enabled efficient data extraction by detecting text anywhere in the document.



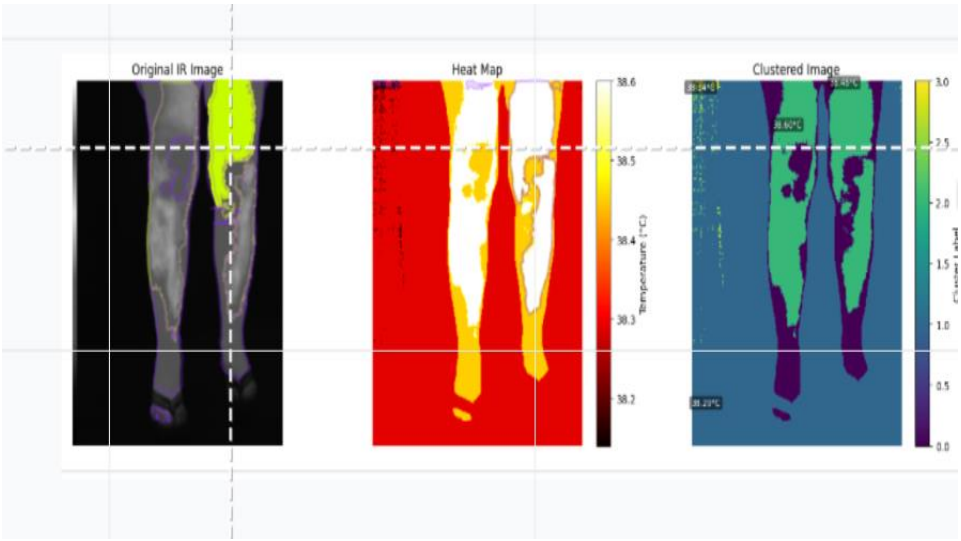
- **Medical Imaging Annotation**:
    - **ECG Signal Annotation**:
      *Technologies used (*sensi ml*)-Timeseries annotation*
      Utilized the sensi ml tool to annotate ECG signals. Loaded metadata, adjusted sampling rates, and precisely marked PQRST points to support cardiac research.



    - **Semantic Segmentation for CVI**:

Technologies used (Roboflow)-sementic segmentation

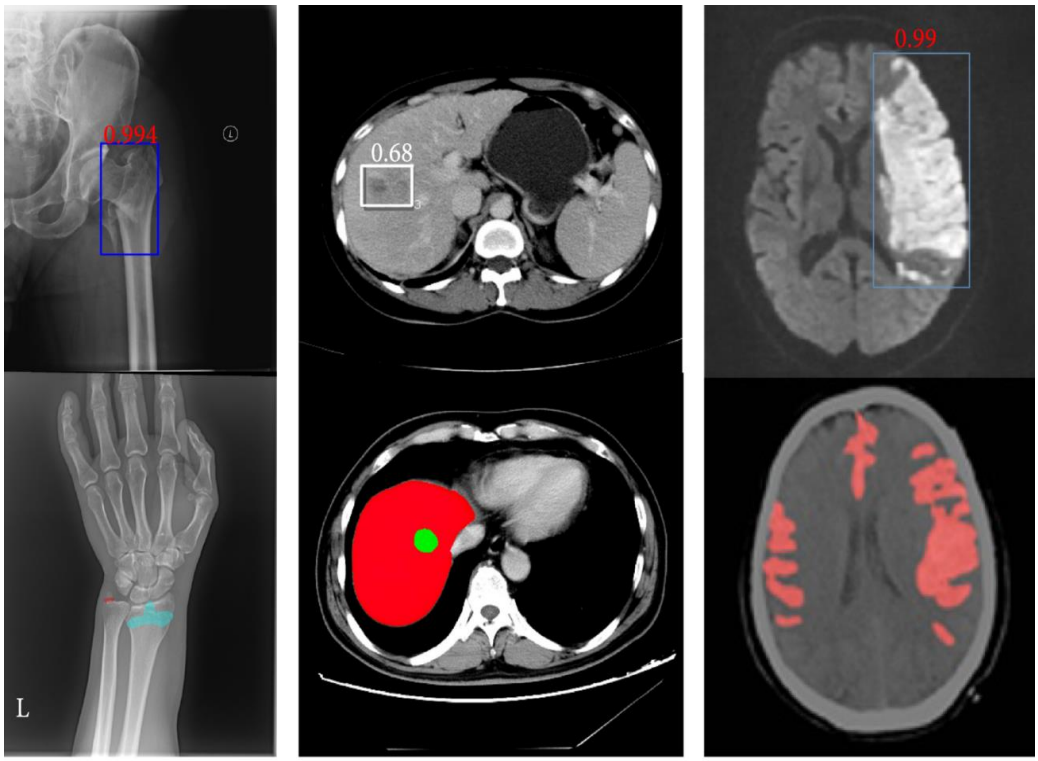
Leveraged Rotoflow for a CVI project, performing polygon annotations on images of chronic veins. Applied semantic segmentation with distinct colors for each part, contributing to diagnostic tool development.



- **MRI Scan Annotation**:

  Technologies used (Cvat, Labelstudio)

  Employed CVAT and Labelstudio to label brain structures in MRI scans for a neuroscience research project, enhancing the study of neurological disorders.



Bone X-ray Liver CT Brain MRI