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Date: 19ᵗʰ April, 2023

Sub: Cover letter for computer vision developer

Dear Sir/Madam,

My name is Hardik Dava and I have 2+ years of experience in computer vision field. I hold master's degree in the field of optical technology and bachelor's degree in mechanical engineering.

- I have 2 years of experience as computer vision software developer at Corvitac GmbH, Hannover, Germany. I was responsible for computer vision related task such as object detection, instance segmentation, synthetic data generation, multi object tracking along with deployment in edge devices using object oriented Python along with agile project management and git.
- I have knowledge of working with machine learning frameworks such as Pytorch, Tensorflow, Onnx, etc. I know how to work with image and point cloud processing libraries such as OpenCV, Pillow, Open3D, PCL, etc and PyQt, Qt, streamlit and gradio in terms of user interface designing.
- I also engaged as compute vision application engineer at NovoAI AG, Hannover, Germany where I was responsible to develop a quality inspection device using stereo cameras and autoencoders.
- I gained in depth knowledge of developing software solutions for embedded systems like nvidia jetson, upboard, etc. I have experienced of optimizing deep learning models for deployment in edge inference for edgetpu, tflite, tensorrt, openvino and luxonis cameras.
- I am also a contributor in open-source projects like yolov5, yolov8, cvat(computer vision annotation tool), make sense, as-one, supervision etc.
- I have done my master thesis in the field of 3D medical imaging and internship was in the field of projection based augmented reality during my masters.
- I can speak fluent English and basic German(A2) languages.

I look forward to showcasing my skills as well as learning more as computer vision engineer. The urge to acquire knowledge and work on different challenging projects has always been my passion. My multi-disciplinary skills are my plus point for the object-oriented solution skills. The invaluable opportunity to work in your organization would provide me with such an enriching experience and make me grow as a successful engineer. I am readily available via phone or email. Please do not hesitate to reach me out if you have any questions.

Thank you for your consideration, and I look forward to hearing back from you.

Yours sincerely,

Hardik Dava