Computer Vision/ML Engineer Position

Company Overview:

Aitaca is a trailblazing technology enterprise specializing in body measurement extraction from images, streamlining the eCommerce process for industries ranging from fashion to jewelry. As a member of our team, you will be part of a diverse and inclusive group that values innovation, precision, and sustainability.

Join our leading-edge team in the domain of extracting body measurements from images using cutting-edge deep learning techniques. We pride ourselves on developing top-tier solutions and value the diversity and expertise of our team members.

Position Overview:

We are looking for a passionate Computer Vision/ML Engineer with a PhD in Artificial Intelligence, Machine Learning, Computer Science or related fields, to spearhead and refine our cutting-edge systems. The ideal candidate will be skilled in developing, training, and deploying models tailored for body measurement extraction from images.

Responsibilities:

- Coordinate and enhance the existing computer vision and Machine Learning systems.
- Oversee the complete development cycle, from ideation to deployment and validation.
- Research and implement machine learning/deep learning algorithms and tools from scratch.
- Develop machine learning apps according to product requirements.
- Train, fine-tune, and evaluate deep learning models for image segmentation, object detection, and classification.
- Work closely with both technical and non-technical teams to meet project deliverables.
- Translate technical concepts to a broader audience.
- Utilize a diverse array of body image, ensuring efficient image processing.

Requirements:

- PhD in Artificial Intelligence, Machine Learning, or similar.
- Advanced math and statistics skills, including linear algebra and calculus.
- Strong coding skills in Python.
- Expertise in computer vision frameworks: OpenCV, Scikit-Image.
- Solid technical knowledge of production APIs and AWS Cloud.
- Demonstrable experience applying machine learning and computer vision techniques to real-world problems.
- Proficiency in MediaPipe, MoveNet, or similar models, particularly pose estimation.

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- In-depth understanding of Deep Learning APIs, libraries, and algorithms such as TensorFlow & Keras, PyTorch, FastAI, U-Net, YOLO (version >= 5), Mask-R CNN, Segment Anything (SAM).

Preferred Skills & Experience:

- Experience with MLOps/DevOps and CI/CD.
- Familiarity with UI/GUI design and implementation.
- Strong coding skills in C++
- Notable projects on Github or publications in esteemed venues.

Attributes:

- Spanish and English is a must
- Excellent problem-solving skills.
- Innovative mindset.
- Ability to work independently.
- Strong knowledge of image processing, feature extraction, and deep learning architectures.

We are committed to promoting diversity and inclusion within our workforce. We encourage applications from all backgrounds and experiences. If you're excited about pushing the boundaries of AI's capabilities in the realm of computer vision, we'd love to hear from you!

To apply, please **submit your resume to hello@aitaca.io**, a cover letter detailing your relevant experience, and any notable projects or publications you'd like to share.

Check https://aitaca.io/ for more information.