



Company

Jumio is the future for online and mobile ID verification. We are the largest and fastest growing company in the ID verification space. With a global footprint, we're expanding the team to meet strong client demand across a range of industries including Travel, Sharing Economy, Fintech, Gaming, and others. We help businesses reduce fraud and increase revenue by providing a bridge between a user's offline and online identities. We use computer vision algorithms, machine learning and live verification experts to verify a user's offline credentials (e.g., passports, ID cards, etc.) and their real-world identity in seconds.

Job Description:

Jumio is seeking an experienced Senior Machine Learning Engineer to join our cutting-edge AI team. In this role, you will be responsible for designing, developing, and deploying advanced machine learning models to solve complex problems in computer vision, image processing, and OCR. You will work closely with a multidisciplinary team of engineers and data scientists to build robust, scalable solutions that enhance Jumio's identity verification and fraud detection capabilities.

Key Responsibilities:

- Design, develop, and implement machine learning models using frameworks like PyTorch or TensorFlow to solve problems in computer vision, image processing, and OCR.
- Utilize OpenCV and other computer vision libraries to develop algorithms for image recognition, feature extraction, and object detection.
- Build and optimize OCR systems to extract and analyze text from various document types with high accuracy and speed.
- Apply scikit-learn (SKLearn) for preprocessing, feature selection, and model evaluation in various ML tasks.
- Optimize models for speed and efficiency, ensuring they can run on various platforms,

including cloud and edge devices.

- Work closely with software engineers, product managers, and other stakeholders to integrate ML models into production systems.

Experience and Qualifications :

- Proficiency in PyTorch or TensorFlow, with a strong understanding of deep learning algorithms and architectures.
- Extensive experience with OpenCV and other computer vision tools, with a focus on image processing, object detection, and feature extraction.
- Hands-on experience in developing and optimizing OCR systems using libraries such as Tesseract or similar tools.
- Strong knowledge of scikit-learn (SKLearn) for model evaluation, feature engineering, and preprocessing.
- Advanced proficiency in Python, with experience in developing and deploying machine learning models in production environments.
- Strong background in developing and implementing machine learning and deep learning algorithms, particularly in computer vision and OCR.
- Familiarity with cloud platforms such as AWS, GCP, or Azure for deploying and scaling ML models.
- Bachelor's or Master's degree in Computer Science, Engineering
- 3+ years of experience in machine learning, with a focus on computer vision, OCR, and image processing.

Progression

At Jumio you have the opportunity to

- work in a collaborative and trusting environment allowing you to turn your ideas into reality
- be part of a strong international team, where everyone's opinion matters
- have flexible working hours, and learning & development opportunities
- work in a meritocracy, where you grow professionally by excelling at work

Key Characteristics and Attitudes

In a recent global survey these attributes were valued by Jumio in all locations and functions - we firmly believe in hiring for attitude as well as skill.

- Friendly and supportive

- Adaptable and flexible
- Articulate and persuasive
- High IQ and EQ
- Curious and coachable
- Commercially Aware
- Resilient and tenacious
- Big picture and the detail



Jumio Values

- IDEAL: Integrity, Diversity, Empowerment, Accountability, Leading Innovation

@Work

Our newest office, Jumio is next to Walmart Labs in Helios Business Park and growing fast. A hub of technical excellence with Machine Learning enablement at its core the engineers and team are committed to learning and innovation. They set the bar high. In a recent culture survey, these attributes were rated particularly highly in Jumio's Indian offices.

- Passionate
- Constructive
- Knowledgeable
- Coaching
- Respectful
- Responsible