



Position: COMPUTER VISION ENGINEER

Location: Southern California

Contract: ASAP – Full-time/Permanent

Contact: dana@rachelelewis.com

RLT is seeking a Computer Vision Engineer for a fast-growing/Pioneering AI start-up in Southern California. For the right candidate, this is a fantastic opportunity to start as a core team member, potentially becoming a career-defining position.

The Computer Vision Engineer (CVE) will be working closely with the Engineering Team to contribute in developing the next generation of their vision-based platform. The CVE designs and implements novel deep learning methods (including generative models and motion-aware analysis) for recognition and prediction in multiple spectrums using different sensor types for commercial applications.

This extraordinary person is a master problem-solver with gifted engineer skills who thrives in a fast-paced production environment. The ideal candidate is multi-faceted and brings a lot of different skills to the table. We're looking for someone who is resourceful, upbeat, is passionate about learning and accepting of new challenges and has a champion-level mindset. To be successful in this role, you should have master-level programming skills, have great time management skills and be able to act without guidance. Ultimately, you will contribute to the efficiency of our business by providing production ready code for our commercial applications.

You'll work on pioneering Autonomous Systems using Artificial Intelligence on a proprietary platform which takes any video input and provides instant, actionable insights for risk management, security, surveillance, public safety and automation. Must have SLAM (and/either coming from a background in Autonomous Vehicles, Robotics, Augmented Reality or Mixed Reality).

This is a full-time, permanent position starting ASAP. Excellent benefits (Medical, Flexible PTO, and more), perks, and Relo provided (case by case). Background security check is required. Generous Equity package (for the right person--only being given to a few, ground-floor team members), Medical benefits and Flexible PTO.

Responsibilities

- Designs and implements deep learning methods for generative models, motion aware video analysis and reinforcement learning
- Ability to take a model from ideation through to commercial production

- Work with engineering, design, operations and marketing and other teams to optimize and execute our commercial software deployment
- Mentor junior engineers

Minimum Qualifications

- MS Degree or higher or equivalent
- 3+ years professional Computer Vision Engineering work experience in a commercial production environment
- Strong knowledge of Python and deep learning platforms (e.g., PyTorch and Tensorflow)
- Homographic adaptation and multiple view geometry experience
- Demonstrated experience with architecting and developing deep neural networks
- In-depth understanding of fundamental computer vision algorithms and technologies (e.g. OpenCV, Jupyter, YOLOv5, etc)
- Experience working with minimum supervision and leading multiple projects simultaneously involving various groups/locations/vendors
- US Citizen
- English Language skills both written and verbal
- Security background check required

To expedite this process, please submit your reel and/or portfolio and resume to dana@rachelelewis.com

If you fit the criteria needed for this position, we will email you to set up a phone call.

Please note at this time this client does not have the capacity to hire anyone who does not already have legal right to work in the US and is not able to sponsor immigration petitions for this role at this time.

Thank you
rachelelewis.com