



Example of Computer Vision Job Description

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Our company is hiring for a computer vision. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for computer vision

- Manages and directs a team of computer vision vendors
- Develop novel, accurate computer vision algorithm and advanced systems with a focus on real-time object recognition, object tracking, camera calibration and 3D reconstruction which can be applied to augmented reality
- Implement and optimize core computer vision routines and algorithm with reliable, production-grade code
- Work on state-of-the-art 3D imaging technologies including coded-light, stereo vision and time-of-flight
- Manage highly professional technology teams
- Keep track of the technical trend and identify areas of software investment in AR/VR, SLAM, object motion tracking, human semantics and user interaction
- Analyze the full software stack on Android platform, from app to kernel, identify the performance bottlenecks, design and implement optimization solutions for a balance between performance and power consumption
- Contribute to external projects as directed by your supervisor
- Contribute to client reports and granting of patents as directed
- Experience in developing software in C++/Matlab

Qualifications for computer vision

- Experience creating new successful REST APIs and SDKs delivered in multiple languages
- PhD in Computer Science or equivalent/related field, the degree must have been awarded in the past five years to be eligible for a postdoctoral

- Familiarity with scientific data models/formats and I/O libraries, engines for large-scale data processing, Apache Spark
- BS, MS or PhD in Computer Science or similar
- Hands on implementation and product development experience
- Strong publication record in top-tier vision conferences (CVPR, ECCV, ICCV) and journals