iCubicVR (3D VR Video Processing Services)

iCubicVR is a startup focusing on 3D VR video capturing and processing services. Our goal is to make 3D VR content creating accessible to anyone. By leverage 3D vision and graphics technologies, iCubicVR is building an end to end solution, which includes standardized hardware, powerful software services and customized post production.

Openings:

1) Computer Vision Engineer

At iCubicVR, we're developing the future of 3D VR videos. As a Computer Vision Engineer, you'll help implement cutting-edge research in 3D vision. The ideal candidate will be creative and self- motivated, eager to solve hard and exciting computer vision problems.

Responsibilities:
- Evaluate and implement image processing or low-level computer vision algorithms for 3D VR systems
- Apply 3D graphics and image processing to computer vision problems
- Participate in cutting edge research in computer vision
- Develop robust software for integrating multiple sensors

Requirements:
- Either of the following:
- MS or PhD degree in computer science, computer vision, or computer graphics
- 3+ years' experience with C++
- Practical knowledge of image processing, machine learning, and 3D geometry
- Experience with OpenCV or other rapid prototyping CV library
- Fast prototyping skills
- Collaborative, positive, team-oriented mindset

2) System Development Engineer

At iCubicVR, we're developing the future of 3D VR videos. As a System Development Engineer, you'll help implement distributed computing systems integrated with core algorithm. The ideal candidate will be creative and self- motivated, eager to handle hard scheduling problems.

Responsibilities:
- Building large-scale distributed processing platform
- Building large-scale information storage and retrieval platform
- Implement backend services to handle Web and APP query

Requirements
- Familiar with C/C++ language programming, experience at the data structure and algorithm design
- Familiar with network programming, multi-thread programming technology, large-scale system design
- Experience in search engine, advertising, big data processing is a plus
- Experience in video, streaming media distribution platform is a plus
- Excellent problem analyzing and solving skills, full of passion for challenging issues
- Good team work and strong communication skills

3) Business Development/Marketing Manager

At iCubicVR, we're developing the future of 3D VR videos. As a Business Development/Marketing Manager, you'll help build a team for business and marketing. The ideal candidate will be an innovative leader in VR marketing and communication.

Responsibilities:
- Responsible for promoting the company's virtual reality products in China area
- Responsible for mining and expanding the company's market and business partners, and maintain good business relationships with both our collaborators and customers
- Market research for the company's decision-making
- Expand the company's industry impact

Requirements:
- Bachelor's degree or above, interested in Virtual Reality and the Internet
- Strong business negotiation skills, with excellent interpersonal communication skills
- At least 3 years of experience in Business development, prefer background in video platform companies, film and television, media industry, education and etc
- Team worker and high sense of responsibility, able to work under pressure

4) Camera Hardware Engineer

At iCubicVR, we're developing the future of 3D VR videos. As a Camera Hardware Engineer, you'll help build an excellent VR camera array to capture scenes. The ideal candidate will be knowledgeable in a variety of areas spanning hardware and software and should be comfortable working in a small team in a quickly changing environment.

Responsibilities:
- Analysis project requirements, independently design, device selection, sample

tracking, testing and performance evaluation
- Participate in principle diagram design, PCB review, BOM production, hardware debugging, hardware testing and performance optimization
- Assist software engineers to debug the basic functions of products, solve all kinds of problems in the process of project development
- Track feedback of product and marketing; propose solutions, to maintain the stability and reliability of the product

Requirements:
- Bachelor degree or above, electronic, electrical, communications, automatic control and other related professional graduates
- 5 years of production experience from the design to the entire design process
- Proficient in digital circuit and analog circuit with hardware design and debug ability; master the high speed circuit design, transmission line theory and time sequence analysis
- Familiar with Camera Image Sensor and ISP, know the camera adjusting various effects, such as exposure, white balance
- Understanding of embedded system design and ARM, CPLD/FPGA, MCU, USB and other hardware development

Interested candidates, please write to **iCubicVR** at **hr@icubicvr.com**.