

JOB OBJECTIVE: R&D Engineers of Computer Vision

EDUCATION 2010.9 - Present **Institute of Semiconductor, CAS**
Doctor of Microelectronics and Solid State Electronics

2006.9 - 2010.7 **Xidian University**
Bachelor of Applied physics (1/80)

SKILLS

- **C/C++, python, matlab**
- Proficient in **OpenCV, scikit-learn** and other open source tools
- Familiar with the algorithms of **machine learning, pattern recognition, computer vision** fields, and applied in **unspecified visual object tracking**
- my CSDN blog: http://blog.csdn.net/yang_xian521 Page View: **810,000**
- CET-6, good at reading and writing, able to communicate with others in English

EXPERIENCE **National Undergraduate Electronic Design Contest** 2009.4-2009.9

- Lead a three-person team, assign task, take part in internal training and competition
- Make more than ten electronic modules such as switched-mode power supply, audio power amplifier and CNC obstacle avoidance car, involved a wide range of knowledge such as Digital signal processing, Microcontroller programming and Analog electronic circuit design.
- In four days of the match, we design and implement a digital filter with MCU and FPGA. I designed the organizational scheme and arranged the tasks of each stage.

Wave Group Intelligent active security R&D center 2012.3-2012.4

- Design and optimize unspecified visual object tracking independently, implement dynamic background unspecified object tracking robustly and publish articles.
- Participate in designing and discussion of single sample person recognition, and achieve 93% recognition rate in the actual conditions.

HONORS

Academic	2009	<i>National Scholarship(1%)</i>
	2009	<i>NUEDC Shanxi provincial second prize</i>
	2008	<i>Outstanding students pacesetter cadres</i>
Community	2010	<i>Graduate for outstanding student cadres(1%)</i>
	2007,2009	<i>Excellent cyl cadres</i>
	2013	<i>Outstanding volunteers</i>
Sports		<i>Prize in the school basketball game for many times</i>