Xian Yang

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EDUCATION

2010.9 - now 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 **machine learning, pattern recognition, computer vision** fields related algorithms, and applied in **unspecified visual object tracking**
- my CSDN blog: *http://blog.csdn.net/yang_xian521*
  Page View: **660,000**
- 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 as Digital signal processing, Microcontroller programming and Analog electronic circuit design. We learn applying knowledge to practical engineering.
- 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, implements dynamic background unspecified object tracking robustly and published articles.
- Participate in designing and discussion of single sample person recognition, and achieve 93% recognition rate in the actual conditions.

HONORS

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