

Xian Yang

No.398 Ruoshui street, industrial district, Suzhou
yangxian10@gmail.com , 15952446119



JOB OBJECTIVE: Analytics Specialist

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, ranking 1/80

SKILLS

- IT skills: **C/C++**, **python**, **matlab**
- Open source tools: **OpenCV**, **scikit-learn**
- Research interests: **machine learning**, **pattern recognition**, **computer vision**, **unspecified visual object tracking**
- Techblog: http://blog.csdn.net/yang_xian521 Page View: **810,000**
- CET-6 Pass, excellent reading and writing, basic spoken English

EXPERIENCE **Wave Group Intelligent active security R&D center** 2012.3-2014.4

- Designed and optimized unspecified visual tracking algorithm independently, implemented dynamic background unspecified object tracking system robustly.
- Participated in designing and discussion of single sample person recognition system, achieved 93% recognition rate in the actual conditions.

National Undergraduate Electronic Design Contest 2009.4-2009.9

- Established and managed a team of 3 people, took part in internal training and competition
- Made more than ten electronic modules such as switched-mode power supply, audio power amplifier and CNC obstacle avoidance car, involved the knowledge of digital signal processing, microcontroller programming and analog electronic circuit design.
- In final match of four days, designed and implemented a digital filter with MCU and FPGA. I managed the organizational scheme and arranged the tasks of each stage.

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>
	2011	<i>Merit student of CAS.(2%)</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>