AngWei

Education

2011.8 - 2015.6 **Bachelor**, *School of Computer Science and Technology Department of Computer Science and Technology, University of Science and Technology of China*, Hefei Anhui, *Grade:3.47/4.3*.

Research Interests

Artificial Intelligence

My research focuses on the development of artificial intelligence techniques and their application and integration in real world domains. We are currently at a stage where we can build autonomous systems that interact with the world, systems capable of understanding the environment and making intelligent decisions. This interaction is feasible due to improvements in novel sensing, display, and actuation hardware as well as increased computational power. These factors provide machines with interfaces to observe the world, power to understand and reason, and mechanisms to respond. However, all these devices require the proper algorithms to connect them and grant a level of autonomy. My research centers on increasing the level of autonomy of systems by developing and applying machine learning, decision-making, and state- estimation and recognition techniques. Improved autonomy creates new potential applications, provides existing systems with additional capabilities, allows systems to perform duties humans could not perform otherwise, and reduces the burden on the user any time a direct interaction is required.

Languages

English **CET6** *483/750*

Courses performed well

Algorithms	*4.3/4.3*
Data Structure	*4.0/4.3*
Software Engineering	*4.0/4.3*
Computer System: A Programmer's Perspective	*4.0/4.3*
Computer Organization	*4.0/4.3*
Computer Networking	*4.0/4.3*

Hobbies

Bike Riding

It's a low-carbon green healthy exercise. In fall 2013, I have ridden around Taiwan island successfully.

University of Science and Technology of China – 230027 Hefei,Anhui – China
+86 18656132104 • *weiang@mail.ustc.edu.cn*
weiang.github.com • *weiang*

Reading Books I have read in my spare time: *Computer System: A Programmer's Perspective*, *Advanced Programming in Unix Environment*, *The C Programming Language*, *The C++ Programming Language*, *Expert C Programming*, *Essential C++*, *Thinking in C++*, *Effective C++*, *Introduction to Algorithms*, *Computer Networking: A Top Down Approach*, *Operating System Concepts*, *Computer Organization and Design: the Hardware and Software Interface*, *Computer Architecture: A Quantitative Approach*.

Experiences

- Studied at National Taiwan University of Science and Technology as an exchange student in 2013 fall semester
- Participated in 2012 Campus RoboGame Contest

Honours/Awards

- 2011 Bronze Award for outstanding students
- 2012 Bronze Award for outstanding students
- 2013 Silver Award for outstanding students
- National Encouragement Scholarship
- Summer countryside essay contest prize
- High School Mathematical Olympiad provincial prize
- Olympic prize provincial high school chemistry competition
- High school biology Olympiad national prize

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