

Xiao Yang

CONTACT INFORMATION

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EDUCATION

[Penn State University](#), USA
PhD candidate in Computer Science and Engineering, expected May 2019

[Tsinghua University](#), Beijing, China
Bachelor of Engineering in Automation, 2010 - 2014

ACADEMIC EXPERIENCE

[Research Assistant](#) Fall 2014 - now
Dept. Computer Science and Engineering, Penn State University

- Advisor: Professor Daniel Kifer and Professor Lee Giles
- Text detection and recognition in scene images.

[Research Intern](#) Summer 2013
Cascade Lab, Dept. of Computer Science, University of Illinois at Urbana-Champaign

- Advisor: Professor Wai-Tat Fu
- Built a local-remote Indoor Spatial Navigation System by using Augmented Reality technologies and Human-Computer Interaction principles.

[Research Intern](#) Summer 2013
Cascade Lab, Dept. of Computer Science, University of Illinois at Urbana-Champaign

- Advisor: Professor Wai-Tat Fu
- Analyzed interface design, time-series data and semantic presentation of crowd-funding projects on Kickstarter.com.

[Research Assistant](#) Summers 2012 - Spring 2013
Institute of Operations Research and Statistics, Tsinghua University

- Advisor: Professor Hai Jiang
- Estimated travel time based on real-time GPS data by using Graphical Model and Markov Chain Monte Carlo(MCMC) methods.

PUBLICATION

1. Anbang Xu, **Xiao Yang(co-first)**, Huaming Rao, Shih-wen Huang, Wai-Tat Fu, "Show me the Money! An Analysis of Project Updates during Crowdfunding Campaigns", to appear in The 2014 ACM SIGCHI Conference on Human Factors in Computing Systems (**CHI'14**).
2. Huaming Rao, Anbang Xu, **Xiao Yang**, Wai-Tat Fu, "When should you pay attention during a crowdfunding campaign?", to appear in The 2014 International Social Computing, Behavioral Modeling and Prediction Conference(**SBP'14**).

HONORS AND AWARDS

1. Excellent Prize in The 13th Electronic Design Contest in Tsinghua University, 2011 (member of team of 3; won 7th place out of 160 competing teams)
2. Third Prize in The 8th Novice Cup C-Programming Contest in Tsinghua University, 2010 (member of team of 3; won 3rd place out of 40 competing teams)

TECHNIQUE SKILLS

Programming:

- C++, Python, R, Matlab, L^AT_EX.

Expertise:

- Machine learning, computer vision, information retrieval.