

Yuan Xie

Email: xieyuan@iu.edu

Research Interests

My research interest lies in the fields of machine learning, computer vision, algorithms. I am interested in both theoretical problems and practical problems..

Education

- 2015–2019(expected) **Ph.D. in Computer Science**, *Indiana University Bloomington*, Bloomington, *IN*.
Advised by Professor Yuan Zhou(IUB) and Professor Jian Peng(UIUC), working on Machine Learning problems. Specifically, applications of crowdsourcing algorithms.
- 2013–2014 **M.Sc. in Computer Science**, *Carnegie Mellon University*, Pittsburgh, *PA*, GPA: 3.72.
- 2012–2015 **M.Sc. in Computer Science**, *Tsinghua University*, Beijing, *China*.
- 2007–2011 **B.Eng. in Software Engineering**, *Anhui University*, Hefei, China, Overall GPA: 88.1/100, Major GPA: 91.6/100, Rank 2/130.

Professional Experience

- 2015.8–present **Associate Instructor**, *Indiana University Bloomington*, Bloomington, *US*.
Advanced Database Concepts, grad course; Instructing 100 students, planned course, holding office hours.
- 2015.3–2015.5 **Data Scientist Intern**, *Anytum(Startup)*, Beijing, *China*.
Developed data collection algorithms and analyzed the data using machine learning algorithms to provide badminton stroke classifications and useful tips of playing to users.
- 2015.3–2015.5 **Graduate Research Assistant**, *Tsinghua University*, Beijing, *China*.
Worked on Microsoft Kinect based virtual try-on project in part of collaboration with a jewelry company in China.
- 2014.5–2015.9 **Research Intern in SAILING Lab**, *Machine Learning Department, Carnegie Mellon University*, Pittsburgh, *PA*.
Working with Prof. Eric Xing and Dr. Qirong Ho, developed a distributed algorithm for online tracking using Petuum, and presented it on the GraphLab Conference of 2014 in San Francisco.

Publications

Mining User Interests from Personal Photos, *AAAI 2015*.

Projects

- Diversified Learning for Sparse Coding**, *Working with Pengtao Xie at CMU*.
- Mining User Interests from Personal Photos**, *Devised a hierarchical graphical model that mines user interests directly from user images without text information; accepted by AAAI 2015*.
- Online Object Tracking on Petuum**, *Using distributed parallel skills, designed a fast algorithm for online object tracking*.
- Exploring User Influence On Social Media**, *Designed a graphical model that combines both content and links resource to explore user influence*.
- Kinect Based Virtual Try-on**, *Devised an application for online jewelry shopping using Microsoft Kinect*.

Honors and Awards

- First Prize Scholarships for 3 consecutive years.**, *Anhui University*, (Top 3%), .
- Excellent Bachelor Graduate Award**, *Anhui University*, (Top 7%), .

Lindley Hall, 430, 150 S. Woodlawn Ave – 47408 Bloomington – U.S.

☎ 8123498898 •