

Yuepei Li

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Education

Iowa State University

Ames, IA

PHD (PURSUING) IN COMPUTER SCIENCE, GPA (BY NOW): 3.61/4.00

Now

- **Teaching Assistant** 2018-2020
- **Research Assistant** 2020-now

Institute of Software, Chinese Academy of Science.

Beijing, China

MASTER IN COMPUTER SCIENCE, GPA: 3.78/4.00

June 2017

- **Fellowship**, ISCAS, China — 8000 thousand yuan for top level student, 2015-2017, twice.
- **Tianchi Data Mining Contest**, Excelent Prize — Term Project of Data Mining, Top 200/1000

University of Science and Technology of China.

Hefei, China

BACHELOR OF ELECTRONIC SCIENCE AND TECHNOLOGY, GPA: 2.76/4.00

July 2012

- **National Undergraduate Electronic Design Contest**, First Prize in AnHui, Second Prize in China, 2011
- **School Robot Contest**, USTC, China — 2010, top 4/32, Robot Contest hosted by USTC

Experience

iReader

Beijing, China

ALGORITHM ENGINEER

July, 2017 – July, 2018

- Helped design the recommendation system build on Hadoop Stream which serves twenty million active readers daily
- Extracted latent features of consumers based on neural collaborative filter (solve collaborative filter with neural network)
- Extracted book features with word2vec models.
- Helped design the real-time recommendation system based on bayesian network

Projects

Shellfish

- A command line interface based on the Unix Bash shell, written in C.
- Supports EOF (Ctrl-D) and SIGINT (Ctrl-C), multiple commands per line, and chained redirection and piping.

Zero Robotics

- Semifinalist out of 200 teams in MIT's international high school programming competition in C.
- Implemented 3D vector physics and game strategy for an autonomous satellite simulation using the ZR API.

Skills

Programing Skills	Python, Java, C/C++, Hadoop Streaming, Shell, network programming, HTML/CSS, JS, MATLAB
Machine Learning Skills	xgboost, recommendation system, tensorflow, random forest, gbd, word2vec, svm, autoencoder, kmeans
Other skills	Hadoop settings, gui, latex, data visualization, blockchain (learning now)

Publications

- [1] Yuepei Li, Junsuo Zhao, and Fengge Wu. Artifact-free high dynamic range imaging based on sandroid cubesat with camera array. In *2017 51st Annual Conference on Information Sciences and Systems (CISS)*, pages 1–6, March 2017.
- [2] Yue-pei LI, Jun-suo ZHAO, and Feng-ge WU. A novel tone mapping method for space high dynamic range images. *DEStech Transactions on Computer Science and Engineering*, 07 2017.