

# Kefeng Zhu

## Company Address

Beijing Aizhong Technology Ltd.  
Wangjing SOHO, T2 A2302,  
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China

## Contact

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(Last update: 2019.01)

## EDUCATION

### THE OHIO STATE UNIVERSITY

Columbus, OH, U.S.A.

*Doctor of Philosophy in Geodetic Science and Surveying (Ph.D)*

2009 - 2015

- Advisor: C.K. Shum
- Dissertation: "Application of Satellite Imaging Remote Sensing data in Monitoring Water Cycle in Asian High Mountain and Bangladesh Coastal Region"

### BEIJING JIAOTONG UNIVERSITY

Beijing, CHINA

*Master of Science in Signal and Information Processing*

2007 - 2009

- Advisor: Qiuqi Ruan

### BEIJING JIAOTONG UNIVERSITY

Beijing, CHINA

*Bachelor of Science in Electrical Engineering*

2003 - 2007

## PROFESSIONAL EXPERIENCES

### THE OHIO STATE UNIVERSITY

Columbus, OH, U.S.A.

- Graduate Research Assistant, School of Earth Science, The Ohio State University, Aug. 2012 - 2015.
- Attending UNAVCO Short Course, InSAR: An Introduction to Processing and Applications using ROI-PAC and GIAN-T, July 29 to July 31, 2013

### INDIVIDUAL iOS DEVELOPMENT

Beijing, CHINA

Develop iOS Application on Individual Time Management

2016 - 2018

### BEIJING AIZHONG TECHNOLOGY LTD.

Beijing, CHINA

AI Engineer, R&D Department

2018 - present

- In charge of a mini-app developing project: "Plant Disease Recognition"

## COMPUTER LANGUAGES

Python, Bash, SQL, Objective-C, C, MATLAB, HTML, CSS

## OTHER SKILLS

- ArcGIS, ENVI, GAMMA (Remote Sensing Software)
- CFA Candidate (Level I passed)

## PUBLICATIONS

1. Shum, C., J. Kim, K. Tseng, J. Wan, K. Zhu, A. Braun, Z. Lu, X.L. Ding, Contribution of SAR/InSAR to the studies of permafrost degradation and glacier mass balance over Qinghai-Tibetan Plateau, The 4th Asia-Pacific Conference on Synthetic Aperture Radar, Tsukuba, Japan, September 23–27, 2013.
2. Tseng, K., C. Shum, A. Braun, G. Cogley, J. Duan, J. Wan, and K. Zhu, Quantification of glacier mass balance change using a coupled Landsat imagery and DEM, IAG 150 Years, Potsdam, Germany, September 1–6, 2013.
3. Zhu, K., K. Tseng, a. Braun, and G. Cogley, Himalayan glacier classifications using synthetic aperture radar data, IAG 150 Years, Potsdam, Germany, September 1–6, 2013.
4. Analysis of surface wind diurnal cycle in tropical region using mooring observations and CCMP product, Xiaochun Wang, Kefeng Zhu, C.K. Shum, Joel Johnson, AMS Conference on Hurricanes and Tropical Meteorology, 2014.

## HONORS AND AWARDS

- China Scholarship Council fellowship, Sept. 2009 – Aug. 2013
- Travel and accommodations award (total \$1,200), UNAVCO Short Course. July, 2013

## ADDITIONAL INFORMATION

- **Language:** Mandarin, English
- **Interests:** Guitar, chinese calligraphy, cooking