

Kefeng Zhu

Company Address

Beijing Aizhong Technology Ltd.
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China

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(Last update: 2019.01)

EDUCATION

THE OHIO STATE UNIVERSITY

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

Columbus, OH, U.S.A.

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

Master of Science in Signal and Information Processing

Beijing, CHINA

2007 - 2009

- Advisor: Qiuqi Ruan

BEIJING JIAOTONG UNIVERSITY

Bachelor of Science in Electrical Engineering

Beijing, CHINA

2003 - 2007

PROFESSIONAL EXPERIENCES

THE OHIO STATE UNIVERSITY

Columbus, OH, U.S.A.

2012 - 2015

- Graduate Research Assistant, School of Earth Science
- Attending UNAVCO Short Course, InSAR: An Introduction to Processing and Applications using ROI_PAC and GIAN-T

July 29 - 31, 2013

INDIVIDUAL iOS DEVELOPMENT

Develop iOS Application on Individual Time Management

Beijing, CHINA

2016 - 2018

BEIJING AIZHONG TECHNOLOGY LTD.

AI Engineer, R&D Department

Beijing, CHINA

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, photography, cooking