

# Yuzhong Yan

Junior Software Engineer

## contact

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## languages

Chinese mother tongue  
English fluency

## programming

♥ C/C++  
Java, Scala, PHP

## qualifications

♥ Embedded System  
Consumer Electronics  
Hadoop/Spark  
Project Management  
Customer Support

## Education

- 2013–2015 **Masters** of Computer Science Prairie View AM University, TX  
*Processing Seismic Data with Spark Hadoop Platform*  
This thesis explored the solution that processing big seismic data on Hadoop Spark platform
- 2000–2003 **Master** of Computer Science Southwest Jiaotong University, Sichuan  
Specialization in programming optimization in parallel and embedded system design
- 1996–2000 **Bachelor** of Applied Mathematics Hebei University, Hebei  
Specialization in software and algorithm

## Experience

- 2013–Now **Prairie View University** Prairie View, Texas  
*Research Assistant*  
Research direction is focus on Cloud Computing. Using Apache Hadoop/Spark and OpenCV to implement image processing and seismic data analytics cloud platform. The core developer of project supported National Science Foundation CRI program award #1205699
- 2011–2013 **Geeya Technology** Chengdu, China  
*CTO*  
Leader of RD center, focus on Set Top Box and Smart IP Box product development. The main jobs are human resource and project management, setting up new production direction and communication with main customers (network operators).
- 2003–2011 **Sunplus Technology** Chengdu, China  
*Software Engineer/Department Manager*  
Focus on BSP and Middleware and Application development on CE at beginning. Then be responsible for the development of consumer electronics products, projects and routine management of the whole department, including the research and development of Digital Still Camera, Digital Photo Frame and the Web Camera products, project planning and process management, quality assurance and customer support etc.

## Interests

**professional:** software design, data analysis, mathematics, fancier of consumer electronics

**personal:** photograph, basketball, hiking, movie

## Publications

Yuzhong Yan, Lei Huang, "**Large-scale Image Processing Research Cloud**", In Proc. of Fifth International Conference on Cloud Computing, GRIDs, and Virtualization (Cloud Computing 2014), May 25 - 29, 2014, Venice, Italy