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 Mathmetics	Hebei University, Hebei

Specialization in software and algorithm

experience

2013–Now	**Prairie View University**	Prairie View, Texas

Research Assitant
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