Xiaochuan(Shaun) Yi

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Summary

Senior software engineer with hands-on experiences of telecom carrier network algorithm and analytics software development. Experience with harnessing wide range of data systems, such as DBMS, HDFS, Teradata, NoSQL(Cassandra and MongoDB), and Apache Kafka. Keen on analytics development that help business saving cost, discover network operation issues, optimizations, and trouble shoot.

Supportive and enthusiastic team player that dedicated to streamlining processes and efficiently resolve project issues.

Skill Highlights

* Data collection and management system application
* Business Analytics solution development, machine learning modeling
* Fluent in coding with Python, Java, C and C++
* Linux system administration and Nagios server monitoring
* Algorithm coding and debugging
* Web application development

Experiences

Software Engineer turned Data scientist (principal member) 2009- present

AT&T Labs Northern California

* Home network management
* Access network analytics

Software engineer (senior member) 2005 – 2009

* Fiber network planning tool
* DSL diagnostic tool

Education

Bachelor, electrical engineering, Shanghai Jiaotong University, June 1996

Ph.D, compuer science, University of Georgia, July 2005

Udacity Machine Learning Nano Degree, Jun 2018

Coursera Machine Learning Certification, 2016

Honors

5 patents at AT&T labs

Scholarships in Shanghai Jiaotong University

2nd place in state high school physical Olympiad competition