

Contact

www.linkedin.com/in/shaozw
(LinkedIn)

Top Skills

Big Data
Python
Hadoop

Languages

Chinese (Native or Bilingual)
English (Full Professional)

Certifications

Microsoft Specialist: Design and
implement Big Data Analytics
Solutions
Machine Learning
Microsoft Certified Professional
Data Engineering on Google Cloud
Platform Specialization

Zhenwen Shao

Senior Manager, Machine Learning Engineer, Data Scientist,
Solution Architect
Orange County, California Area

Summary

- An innovative and seasoned data and analytics leader who grows and manages geographically dispersed engineer and scientist teams.
- Broad expertise in areas of machine learning, deep neural networks, IoT, text mining, NLP, real-time data processing, big data architecture, and cyber security. Passionate about cutting-edge technologies such as blockchain and social/ad graph network analysis.

SKILLS & INTERESTS

- * Strong mathematics background in numerical and statistical methods, dynamic programming, and matrix algebra with excellent problem-solving skills
- * A highly efficient and versatile hands-on team leader that produces excellency in a multitasking and fast-paced work environment
- * Extensive software engineering and data science experience: Python, R, Java, C/C++, Matlab, SQL, Hadoop/Hive/HBase, Spark, Kafka, Ruby, Pig, Storm, Alteryx, Tableau, PowerBI, ElasticSearch, Solr, Informatica, Pentaho, MongoDB, D3.js, AWS, Azure, Google Cloud.

Experience

Johnson & Johnson
Senior Manager, Machine Learning & AI
April 2018 - Present (2 years)
Greater Los Angeles Area

KPMG
Solution Architect and Manager, Data and Analytics
June 2013 - April 2018 (4 years 11 months)
Irvine, CA

- * Design and Implement various machine learning pipelines, with application of statistical and numerical data analysis.
- * Develop innovative solutions on NLP, text mining & analytics, as well as data storage & governance with scalable performance.
- * Research and develop big data platforms for batch and real time data processing either cloud-based (Amazon AWS, Microsoft Azure, Google Cloud) or on-premise (Hortonworks, Cloudera).
- * Facilitate sales and proposals of client engagements with rapid development of big data and/or machine learning products.
- * As a trusted advisor, conduct strategy planning for clients to help them build and grow data and analytics capabilities

Accurate Background

Staff Software Engineer

April 2011 - June 2013 (2 years 3 months)

Irvine, CA

Designed and implemented enterprise web projects and web service integration

Livingston Acquisitions, LLC

Lead Quantitative Analyst

March 2008 - November 2010 (2 years 9 months)

Long Beach, CA

Statistical analysis and risk modeling

Kyocera International – Communications Equipment Group

Research Scientist

2006 - 2007 (1 year)

4G Wireless Base Station (PHY/MAC Layer) Design/Development/Proposals

Qualcomm

Research Scientist Intern

June 2001 - September 2001 (4 months)

Fundamental algorithm research and design in Qualcomm's proprietary communications system

Nokia

Research Scientist Intern

May 2000 - August 2000 (4 months)

Proposal and implementation of data-partitioning and prioritization for selective video RTP packets re-transmission over wireless.

Education

UC Santa Barbara

Electrical and Computer Engineering · (2006)

Rice University

Electrical and Computer Engineering · (2000)

Tsinghua University

Automation / Signal Processing · (1999)